LANCASTER FARMING

Lancaster Farming

Serving The Central and Southeastern Pennsylvania Areas

'77 Lancaster Farming, Saturday, January 1, 1977 $4.00 Per Year

A light cover of snow adds the finishing touches to a farm near Lititz, Pa.

Lancaster Farming Photo by Joanne Spahr

More government in ag future

By DIETER KRIEG

CASTER - Once again it's time to do some crystal-ball . A relatively prosperous year is bowing out and a new gins tomorrow. Economists, and even one astrologer assed on their predictions to Lancaster Farming in one r another. The outlook for 1977 is taking on special t due to a new President taking office, and a so-called "grass-roots" farmer having been nominated for U.S. Secretary of Agriculture. The latter is Rep. Bob Bergland of Minnesota, who operates a wheat and grass seed farm in Minnesota and once was an official of the Agricultural Stabilization and Conservation Service. It is expected that Bergland will press for higher price supports for grain and dairy products, a federal grain reserve, and more federal food aid to the poor.

He is also said to favor some sort of program which "would even out the effects on farmers of fluctuations in weather and world economics.

Bergland's appointment was not surprising since he had

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Happy New Year!

Tobacco buyers out over county

By JOANNE SPAHR

LANCASTER, Pa. - Although certain tobacco buyers have been out for as long as a month now buying either sorted and tied tobacco or picking up a few acres of straight stripped in certain spotty areas of Lancaster County, last Monday was the beginning of the real bargaining process for most area growers as buyers from major companies such as Lancaster Leaf and Lorillard made their way to tobacco sheds and stripping rooms to haggle price.

As of Thursday morning, the going price offered from all the companies was 60 cents for straight stripped, and grower resistance was high. At this point, most farmers are holding out to feel their way as to how

[Continued on Page 17]

Livestock market drops again, vealers up

By DIETER KRIEG

LANCASTER - Vealers were the only form of livestock which were consistently strong as curtailed livestock receipts showed most everything else to be steady at best and lower for the most part.

Cattle delivered to the Lancaster Stock Yards on Wednesday, for example, resulted in the following report: "Steers weak to $1 lower, bulls and bullocks mostly steady on small supply."

Cattle prices were holding their own on Monday, but when Midwestern prices plummeted on Tuesday as a result of dropping prices in the dressed meat trade, the effects made themselves known in southeastern Pennsylvania. Higher prices were consistently being paid by the smaller retail butchers, as packers continued to hold back with their buying orders.

Trading at Joliet, Ill., was described as "slow" on Tuesday, with steers $1 to $1.50 lower and heifers $1.50 to $2 lower. Mostly choice steers and heifers were being offered, according to market reports, with a price of 39-41 cents per pound being paid for those animals.

At Vintage on Tuesday, slaughter steers were 50 cents to $1 lower, but slaughter cows were $2 higher, compared to a week ago, and the number of cattle offered was up significantly from both a year ago and a week earlier.

Due to Lancaster Farming going to press a day early this week in order to have

[Continued on Page 20]

Livestock market and auction news

Lancaster Market

Monday, Dec. 27, 1976

	Cattle	Calves	Hogs	Sheep
Today	788	96	1240	43
Last Monday	818	142	639	175
Last Year	1153	139	1187	167
Monday's Auction	869	100	1263	34
Last Monday's Auction	610	150	814	193

CATTLE: Compared to last Wednesday slaughter steers fully steady; cows 1.00 higher; bullocks 50-1.00 higher.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1325 lb. 41.75-42.75; few Choice mainly 2 1100-1275 lb. 42.50-43.25; Choice 2-4 975-1400 lb. 40.50-42.50; high Good and low Choice 2-3 38.25-40.60; Good 2-3 34.25-38.50; Standard 1-2 29.50-34.00.

SLUAGHTER HEIFERS: Choice 2-3 850-975 lb. 36.60-38.50; Good 2-3 750-950 lb. 28.75-33.50.

COWS: Utility and Commercial 1-3 27.00-29.00; Cutter 1-2 26.00-27.50; Canner and low Cutter 22.75-25.00.

BULLOCKS: Choice 1000-1275 lb. 36.00-38.00; Good 950-1250 lb. 32.75-36.25.

BULLS: Couply yield grade 1 1500-1770 lb. 33.85-36.25.

VEAL CALVES: Vealers fully steady.

VEALERS: Prime 70.00-74.00; Choice 62.00-69.00; high Good and low Choice 48.00-61.00; Good 37.00-48.00; Standard and Good 90-115 lb. 30.00-37.00, 70-90 lb. 25.00-30.00.

SHEEP: Market not fully tested. One lot Choice 102 lb. wooled 47.50; few Good 65-85 lb. 43.00-44.50.

Vintage Market

Tuesday, December 28, 1976

	Cattle	Calves	Sheep
Today	943	621	16
Last Tuesday	580	488	28
Last Year	842	792	16

CATTLE: Compared to last Tuesday slaughter steers 50-1.00 lower; cows mostly 2.00 higher; bulls not fully tested. Supply included 45 per cent slaughter steers and 42 per cent cows.

SLAUGHTER STEERS: High Choice and Prime 2-3 1075-1325 lb. 41.75-43.50; Choice mainly 2 1050-1350 lb. 41.75-43.00, few 43.00-44.00; Choice 2-4 1000-1375 lb. 39.75-42.25; high Good and low Choice 2-3 975-1300 lb. 36.50-40.00; Good 2-3 34.00-38.00; Standard 1-2 31.00-34.00.

SLAUGHTER HEIFERS: Choice 2-3 850-1000 lb. 37.00-40.25; Good 2-3 750-1000 lb. 35.00-37.50.

COWS: Utility and Commercial 1-3 26.50-29.25, few 29.25-30.00, five head 1750-1950 lb. 28.50-32.00; Cutter 1-2 23.75-27.00, few 27.00-28.00; Canner and low Cutter 20.75-25.00.

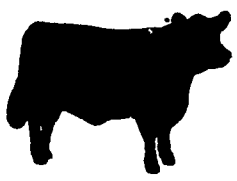
BULLS: Yield grade 1 1100-1600 lb. 32.50-35.75, couple 36.00-38.85, individual 2435 lb. 31.75.

VEAL CALVES: Vealers fully steady, instances 3.00 higher on Standard and Good 70-115 lb. Supply included 389 in graded sale of which 22 per cent sold to return to farm.

VEALERS: Choice 59.00-67.00, individual 71.00; high Good and low Choice 50.00-60.00; Good 42.00-50.00; Standard and Good 90-115 lb. 30.00-39.00, few 39.00-44.00, 70-90 lb. 24.00-31.00.

RETURNED TO FARM: 90 head 100-115 lb. Standard and Good Holstein bulls 44.00-44.50.

SHEEP: Few head Choice 60-90 lb. wooled slaughter lambs 50.00-58.00.



Lancaster Auction

Wednesday, Dec. 29, 1976

	Cattle	Calves	Hogs	Sheep
Today	438	118	535	10
Last Wednesday	209	127	480	12
Last Year	462	59	297	0
Wednesday's Auction	380	101	536	10
Last Wednesday's Auction	255	113	472	12

CATTLE: Compared to Monday slaughter steers weak to 1.00 lower; cows 50-1.00 lower; bulls and bullocks mostly steady on small supply.

SLAUGHTER STEERS: Choice 2-4 1000-1325 lb. 39.00-41.50, few head mainly Choice yield grade 2 41.75; high Good and low Choice 2-3 36.50-39.75; Good 2-3 34.00-36.50; Standard 1-2 29.25-34.00.

SLAUGHTER HEIFERS: Few Choice 2-3 850-1000 lb. 35.75-38.00; Good 2-3 750-975 lb. 31.00-35.00.

COWS: Utility and Commercial 1-3 26.75-28.50, couple 29.60-31.60; Cutter 1-2 24.50-27.25; Canner and low Cutter 21.00-23.75.

BULLOCKS: Good 975-1200 lb. 33.25-35.35, couple Choice 35.60-36.10.

BULLS: Yield grade 1 1100-1500 lb. 32.75-36.25.

VEAL CALVES: Vealers strong to 2.00 higher.

VEALERS: Choice 62.00-70.00, few Prime 72.00-77.00; high Good and low Choice 50.00-62.00; Good 40.00-50.00; Standard and Good 90-115 lb. 32.00-39.00, few 70-90 lb. 26.00-32.00.

New Holland

Market not available due to holiday.

Lancaster Weekly

Thursday, Dec. 30, 1976

	Cattle	Calves
This Week	2408	858
Last Week	1649	757
Last Year	2543	990

CATTLE: Slaughter steers for the first three days this week uneven, opening mostly steady later trading weak to 1.00 lower; cows 1.00-2.00 higher, although part of this advance lost Wednesday; bullocks 50-1.00 higher; bulls not fully tested. Supply included 51 per cent slaughter steers, 27 per cent cows, 9 per cent heifers and 4 per cent bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1075-1325 lb. 41.75-43.50; Choice mainly 2 1050-1350 lb. 41.75-43.25, few head 43.25-44.00; Choice 2-4 975-1375 lb. 39.00-42.50, mainly 39.75-42.00; high Good and low Choice 2-3 975-1300 lb. 36.50-40.00; Good 2-3 34.00-38.50; Standard 1-2 29.50-34.00.

SLAUGHTER HEIFERS: Choice 2-3 850-1000 lb. 35.75-40.25; Good 2-3 750-950 lb. 31.00-35.50.

COWS: Utility and Commercial 1-3 26.50-29.25, few 29.25-30.00; Cutter 1-2 23.75-27.25; Canner and low Cutter 20.75-23.75.

BULLOCKS: Choice 1000-1275 lb. 35.50-38.00; Good 950-1250 lb. 32.75-36.25.

BULLS: Yield grade 1 1100-1800 lb. 32.50-36.25, couple 36.25-38.85.

VEAL CALVES: Vealers steady to 3.00 higher.

VEALERS: Prime 70.00-77.00; Choice 59.00-70.00; high Good and low Choice 48.00-61.00; Good 39.00-50.00; Standard and Good 90-115 lb. 30.00-39.00, few 70-90 lb. 24.00-31.00.

RETURNED TO FARM: 90 head 100-115 lb. Standard and Good Holstein bulls 44.00-44.50.

Happy New Year

The seasons change, but time ever strengthens old and valued friendships.

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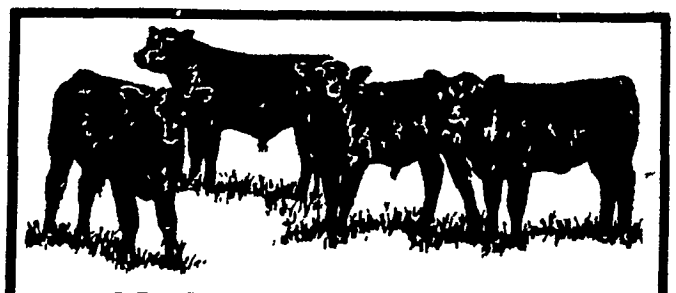

LANCASTER STOCKYARDS
WEEKLY SALES
Slaughter Sales - Mon. & Wed. 11:00 A.M.
Vealers, Lambs, Hogs-Mon. & Wed. 11:00A.M.
Stocker & Feeder Sale - Friday 12 Noon
[Notice - No Sale - Fri - Dec 31]
Hogs Sold Sat. - Private Treaty 7-12 Noon
NEXT FEEDER PIG SALE JAN. 4 - 1 P.M.
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VINTAGE SALES STABLES, INC.
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BUTCHER COWS,
LAMBS AND VEAL CALVES
SOLD ON COMMISSION
SALE EVERY TUESDAY 11 A.M.
HOG SALES
WEEKLY — WED. & SAT. 9 A.M.
STATE GRADED FEEDER PIG SALE —
1ST & 3RD THURSDAY, 1:00 P.M.
($1.00 a head Commission)
EVERY THURSDAY — 12:00 P.M.
HAY & STRAW SALE
Get calves in early for grading & weighing. No weight loss.
FOR MARKETING INFORMATION
PHONE AREA CODE 717-768-8204
Home Phone 215-458-5060
L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

NEW HOLLAND The Action Auction
AUCTIONS make the difference in marketing livestock!
NEW HOLLAND makes the difference in auctions!
MONDAY'S ACTION:
8:00 A.M. - Fat Hogs
10 00 A M - Horse Sale
11 00 A M Hay, Straw & Ear Corn
1:30 P.M. - Fat Steers, Bulls, Cows & Veal
WEDNESDAY'S ACTION:
12 00 Noon - Hay, Straw & Ear Corn
12 30 P M - Dairy Sale
1:00 P.M. - Feeder Pig Sale
THURSDAY'S ACTION:
11 00 A.M - Beef Sale
Order of Sale Bulls, Fat Steers, Cows, Veal
6:30 P.M. - Calf Sale
NEW HOLLAND SALES STABLES INC.
New Holland, PA
Abram W. Diffenbach, Manager Phone: 717-354-43

Hog Markets

ancaster Market

: Barrows and gilts higher.
OWS AND GILTS: 00-235 lb. 44.25-45.00, 00-240 lb. 43.50-44.10, 00-250 lb. 42.75-43.50, 5-42.50

Lancaster Auction

HOGS: 500. Barrows and gilts 3-4.00 lower.
BARROWS AND GILTS: Few US 1 210-230 lb. 40.75. US 1-2 200-240 lb. 39.50-39.85. US 1-3 200-240 lb. 39.00-39.50. US 2-3 200-255 lb. 38.50-39.00.

Joyous New Year

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00 A.M. - Beef Sale Stockers & Feeders 200 to 250 each week.
30 P.M. - Dairy Cows
00 P.M. - Small Animal Sale

Special Sales and Herd Dispersals on the or at our barn or other market information Office 717-733-2444.

Walter H. Risser, Proprietor

Indianapolis

Wednesday Dec. 29, 1976
INDIANAPOLIS HOGS: 1500 - Receipts currently 800 below early estimate. Barrows & Gilts moderately active, steady to weak. US 1-2 200-230 lb. 41.00-41.25, 75 head 41.25, US 1-3 200-240 lb. 40.50-41.00

St. Louis

Wednesday, Dec. 29, 1976
ST. LOUIS HOGS: 6000 - Barrows & gilts active, steady to 50 higher, advance on weights over 250 lb. US 1-2 200-235 lb. 40.75-41.25, Large share 41.00, US 1-3 200-240 lb. 40.25-40.75

Peoria Auction

Wednesday, Dec. 29, 1976
PEORIA HOGS: 3000 - Receipts currently 400 under estimate. Barrows & gilts fairly active, opening mostly 50 lower. US 1-2 200-230 lb. 40.00-40.50, 59 head 40.75, US 1-3 200-240 lb. 39.50-40.00

Vintage

Wednesday, Dec. 19, 1976
Total 865 head.
No. 1 40.50-40.85; No. 2 39.50-40.35; No. 3 38.25-39.25; Heavy Hogs 250-300 37.50-40.00; Light Hogs 34.75-40.00; Sows 300-550 25.50-28.00 & Boars 19.00-22.00.

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Conowingo, MD.
(301) 378-3280

New Holland

Monday, Dec. 27, 1976
HOGS: 1548
Retail: 44-45
Heavyweight: 42-43
Lightweight: 41-43
Wholesale: 43-44
Sows: 25-31
Boars: 18.50-28.50
Shoats: 630

No. 1 and 2 49-59 lbs. 55.00-60.00, 62-83 lbs. 48.00-60.00; No. 2 43-52 lbs. 53.50-64.00, 53-56 lbs. 60-66; No. 2 and 3 36-46 lbs. 61.00-63.00, 47-68 lbs. 51.00-63.00; No. 3 35-40 lbs. 51.00-61.00, 41-67 lbs. 41.00-62.00; Utility 28-53 lbs. 37.50-58.50.

New Holland Dairy

New Holland Sales Stables
New Holland, Pa.
Wednesday, Dec. 29, 1976
Reported receipts of 114 cows, 10 heifers, and no bulls. Market steady with last week's market.

Two loads of Butler County fresh cows 525-685, springers 500-920; Load of Pennsylvania fresh cows 700-980, springers 650-775; Load of Pennsylvania fresh cows 600-840.

Locally consigned cows 450-840; springing heifers 450-550.

Valley Livestock

Valley Stockyards, Inc.
Athens, Pa.
Monday, Dec. 27, 1976
Reported receipts of 458 calves, 187 cows, 87 hogs, 45 heifers, 14 bulls, 14 steers, and 6 sheep. Cattle market active; calf market higher.

Veals 48-70; Bobs 25-40; grassers and feeders 20-33; lambs 33-38.50; sheep 8-14; hogs 18-41.50; pigs 12-27.50; heifers 24-33.50; steers 26-31.50; bulls 26-33; cows good, 26.50-27.50; top 30.50; Cows, med. 23.50-25.00; cows, poor or small 18.00-22.00; ponies to 25.00 and goats 12-25.

Futures Trading

Closing Bids as of Thursday, Dec. 30

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	New York Fresh Eggs
January-77				64.60
February	40.20	37.65		56.80
March			6.81	56.10
April	39.75	34.75	7.83	52.50
May			9.42	48.75
June	41.75	37.45		
July		38.30		
Aug.	42.60	36.90		
Sept.				
Oct.	43.45	34.80		

Trend—Cattle are lower, Hogs are lower, Potatoes are higher, and Eggs are lower.
Markets Provided by Commodity Department
Reynolds Securities, Inc.

CHICAGO GRAIN FUTURES

(Closing bids as of Thursday, Dec. 30)

	Corn	Wheat	Soybeans	Soybean Meal
January-77			6.99½	202.90
March	2.79¼	2.56½	7.06½	207.00
May	2.85	2.62¼	7.03½	206.10
July	2.89	2.66¼	6.95½	204.30
Aug.			6.83	201.00
Sept.	2.95	2.64½	6.53	191.50
Oct.				180.50
Nov.			6.33½	
Dec.	2.04½	2.62½		

Trend—Corn is lower, Wheat is mixed Soybeans are lower, and Soybean Meal is lower.
Markets Provided by Commodity Department
Reynolds Securities, Inc.

U.S. Inspected Livestock Slaughter

Slaughter Under Federal Inspection First Three Days

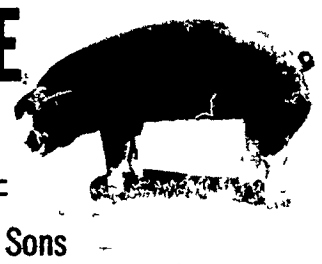
	CATTLE	HOGS	SHEEP
This Week	419,000	824,000	69,000
Last Week	411,000	840,000	70,000
Last Year	412,000	734,000	76,000

Know Where the Activities Will Be?
Read the Farm Women Calendar.

ATTENTION CATTLE FEEDERS

Do you want to make buying your stockers and feeders easy. It can be very simple. Just call and give us your order. All orders filled to your exact specifications. Call us anytime. We can be very helpful.

NEXT FEEDER PIG SALE
TUESDAY, JAN. 4 - 1 P.M.



Consign all your feeder pigs to Walter M. Dunlap & Sons where they will be handled by a capable and experienced staff.

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LANCASTER STOCK YARDS

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Our business has no short cuts or easy ways either. We just work hard to supply you with quality feeder cattle & stand ready to assist you when your livestock is ready for market.

NEXT FEEDER PIG SALE
JANUARY 4, 1977

Please Call Us Soon
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Poultry Market Reports

Weekly New York Egg Market

From Monday, Dec. 27 to Thursday, Dec. 30

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Ex. Large	84	79	79	76	H
Large	84	79	79	76	O
Mediums	80	75	75	72	L
Pullets	67	63	63	60	I
Peewees	47	43	43	40	D
BROWN					A
Large	84	84	84	84	Y
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	75	71	71	68	
Checks	49	49	49	47	

Tone—Market irregular.

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New England Weekly Shell Egg Report

Tuesday, December 28, 1976

No market report available at press time.

NEST RUN EGGS

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradeable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	New Weight Per Case	Tuesday	Thurs.
Extra Large	51 lbs.		
Class 1 - Large	48 lbs.	68	64
Class 2 - Large	45 lbs.	66	63
Class 3 - Medium	42 lbs.	64	61
Class 4 - Small	39 lbs.	58	55
Breaking Stock	48 lbs.	56	55
Checks	48 lbs.	49	49

Philadelphia Eggs

Wednesday, Dec. 29

Prices trended lower. Demand is no better than fair. Supplies adequate.

Grade A Extra Large 82½-88½; Large 81-87½; Mediums 76½-83.

New Holland Horse

New Holland Sales Stables
New Holland, Pa.
Monday, Dec. 27, 1976

Reported receipts of 122 head of horses, mules, and ponies. Market stronger than last weeks market.

Driving horses 175-675; riding horses 150-225; better riding horses 250-385; lightweight killers 19-22; heavyweight killers 27-29; mares 20-50; colts 5-20; geldings 20-45: and larger ponies 55-80.

Lancaster Farming

P.O. Box 266 - Lititz, PA 17543
Office: 22 E. Main St., Lititz, PA 17543
Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

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Delmarva Poultry

Wednesday, Dec. 29

Ready to cook demand is moderately good, processors supplies are no more than adequate on dressed product. Live supplies adequate.

Current boiler-fryer negotiated prices for immediate includes mostly multiple-drop shipments to New York City from Delmarva.

Range US Grade A 35-36; Plant Grade 35; Premium X US Grade A 37-42; Premium X Plant Grade 36-40.

WTD Avg. US Grade A 35.86 Plant Grade 35; Premium X US Grade A 40.43; Premium X Plant Grade 39.53.

X - includes special services, selected competitive brands, etc.

Eastern Pa. & N.J. Poultry

Wednesday, Dec. 29

Flock offering ample. Demand is fair. Prices are slightly lower.

Prices paid at farm: Light type hens 11-13¼, mostly 12-13 in Pa. TFEWR in N.J.

Baltimore Eggs

Wednesday, Dec. 29

Prices unchanged to 5 cents lower. Demand good for mediums, fair on balance. Supplies adequate.

Cartoned eggs: prices to retailers, state graded (min. one case sale) white.

Grade A Large 83-91; Grade A Medium 79-87.

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Crystal Spring, PA. 15536

Hay Markets

Harvey Z. Martin

Wednesday, Dec. 23, 1976
87 Loads
Alfalfa 64 to 97;
Timothy 55 to 73; Clover, 3 loads 54, 71, 82; Mixed Hay 49 to 91; Stubble Hay 2 loads 45 and 57; Straw 46 to 82; Corn fodder 37 to 41; Ear Corn 59½ to 61; Peanut Hulls 44; Fire wood 44.00 per ton.

Green Dragon

December 24, 1976
PRICES PER TON:
32 loads hay & 6 loads straw.
Alfalfa, couple loads 79.00-80.00
Timothy, few loads 66.00-71.00
Mixed hay 70.00-85.00 some down to 55.00
Clover, one load 60.00
Stubble hay, one load 67.00
Straw, 6 loads 57.00-60.00
Corn Fodder, 5 loads 40.00-52.00

Regional Hay

Dec. 27, 1976
(All hay No. 2 and better, prices paid by dealers at the farm, price per ton.)
Hay & Straw steady.
Alfalfa 80.00-88.00
Mixed hay 65.00-75.00
Timothy hay 60.00-70.00
Straw 50.00-55.00
Mulch 25.00-35.00

New Holland

Wednesday, Dec. 29, 1976
68 Loads
Alfalfa 68 to 94; Clover 1 load 76; Timothy 55 to 73; Mixed Hay 53 to 93; Stubble Hay 1 load 69; Straw 51 to 66; Corn fodder 1 load 43; Corn 55 to 63½.

Joyous New Year

Celebrate the New Year with good friends and lots of cheer. We hope it'll be the best ever. To all our loyal customers, sincere thanks.

Know Where the Activities Will Be
Read the Farm Women Calendar

OUR GOAL IS GETTING TOP DOLLAR FOR YOU

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DANVILLE LIVESTOCK MARKET

Old Rt. 11 Danville, Pa.
Phone (717) 275-2880

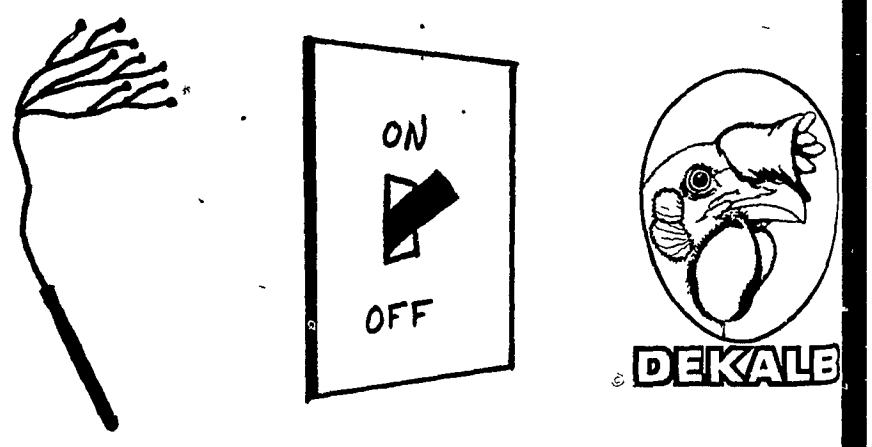
SALE EVERY MONDAY 2 P.M.

Horse Sale 2nd Sat. Every Month 10:30 A

OWNER: MELVIN M. LEHMAN
717-275-2880 Bus.

WHAT ONE WORD REPRESENTS THESE THREE THINGS?

(Answer: a switch)



Do you realize that in the past year there has been a 40 per cent increase in DEKALB sales in this area? Many progressive area poultrymen are SWITCHING to DEKALB. As we enter this new year of 1977 do some evaluating of your last flock's performance.

IF YOU KEEP RECORDS YOU'LL KEEP DEKALB LAYERS

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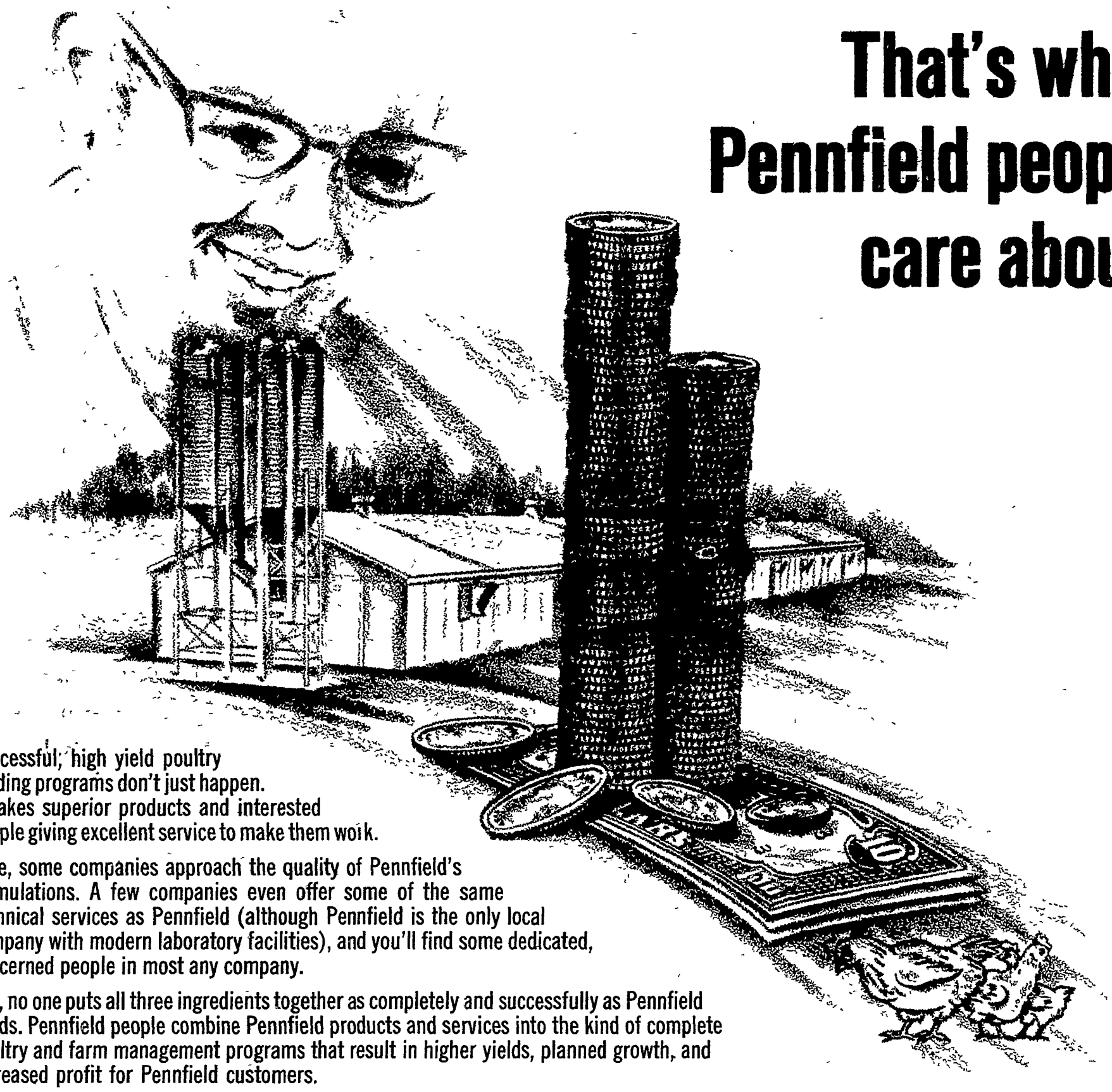
Quakertown, PA 18951 (215) 536-3155

Your POULTRY PRODUCTIVITY, your PROFITABILITY.



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Successful, high yield poultry feeding programs don't just happen. It takes superior products and interested people giving excellent service to make them work.

Sure, some companies approach the quality of Pennfield's formulations. A few companies even offer some of the same technical services as Pennfield (although Pennfield is the only local company with modern laboratory facilities), and you'll find some dedicated, concerned people in most any company.

But, no one puts all three ingredients together as completely and successfully as Pennfield Feeds. Pennfield people combine Pennfield products and services into the kind of complete poultry and farm management programs that result in higher yields, planned growth, and increased profit for Pennfield customers.

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Livestock market and auction news

Pa. Auction Summary

December 24, 1976

CATTLE 4331. Compared with 6231 head last week, and 2598 head a year ago. Compared with last week's market, slaughter steers unevenly steady. Slaughter heifers mostly steady, spots to $1 lower. Slaughter cows mostly steady to 75 cents higher. Slaughter bullocks mostly steady. Slaughter bulls steady to weak, spots 50 cents lower.

STEERS: Few High Choice & Prime No. 3-4 41.75-43.50, Choice No. 2-4 39.00-42.75, few to 45.50, Good 34.00-39.00, Standard 31.00-35.00, few Utility 27.00-31.00. HEIFERS: Choice 35.00-39.00, Good 32.00-35.75, Standard 27.00-32.00, few Utility 23.00-27.00. COWS: Utility & High Dressing Cutter 24.00-28.00, Cutters 22.50-26.50, Canners 20.00-24.75, Shells down to 15.00. BULLOCKS: Few Choice 35.00-38.50, Good 32.00-36.00, Standard 29.00-34.00, few Utility 25.00-28.50. BULLS: Yield Grade No. 1 1000-2100 lbs. 30.00-34.75, few to 37.50; yield grade No. 2 900-1600 lbs. 25.00-31.00. FEEDER CATTLE: Good 300-700 lbs. feeder steers 28.00-36.00, Medium 300-700 lbs. 25.00-27.50; Good & Choice 300-750 lbs. feeder heifers 22.00-28.00, few Medium 300-650 lbs. 19.00-22.00.

CALVES 3809. Compared with 4638 head last week, and 2176 head a year ago. Vealers mostly steady to $2 higher.

VEALERS: Few Prime 62.00-80.00, Choice 55.00-69.00, Good 44.00-59.00, Standard & Good 110-130 lbs. 32.00-45.00, 90-110 lbs. 29.00-39.00, Standard 70-90 lbs. 21.00-28.00, Utility 50-80 lbs. 15.00-22.00. Farm calves, holstein bulls 90-120 lbs. 30.00-48.00.

HOGS 7579. Compared with 6162 head last week, and 5075 head a year ago. Barrows & Gilts 25 cents to $1 higher.

BARROWS & GILTS: US No. 1-2 200-240 lbs. 41.00-42.75, No. 1-3 200-250 lbs. 40.00-42.00, No. 2-3 190-260 lbs. 39.00-41.00, No. 2-4 260-300 lbs. 31.00-39.00, No. 1-3 140-190 lbs. 34.00-38.00.

SOWS: US No. 1-3 300-575 lbs. 24.00-31.50, No. 2-3 300-600 lbs. 21.00-26.00. Boars 16.00-26.00.

FEEDER PIGS 856. Compared with 1584 head last week, and 600 head a year ago. Feeder pigs mostly strong to $2 higher per head. US No. 1-3 20-35 lbs. feeder pigs 7.00-25.00 per head, No. 1-3 35-50 lbs. 18.00-32.00, No. 1-3 50-80 lbs. 27.00-39.00, few Utility 20-50 lbs. 12.00-20.00 per head.

SHEEP 542. Compared with 678 head last week, and 208 head a year ago. Wooled slaughter lambs steady to 50 cents, spots $3 higher. Choice 70-100 lbs. wooled slaughter lambs 41.50-51.00, few to 54.00, Good 50-95 lbs. 37.00-45.00. Slaughter ewes 10.00-19.00.

Chambersburg Auction

Chambersburg, Pa.
December 23, 1976

CATTLE 160. Compared with last Thursday's market, slaughter cows strong to mostly 75 cents higher. Few Good slaughter steers 35.00-36.25, few Utility 28.00-31.25. Few Standard slaughter heifers 28.75-31.50, few Utility 24.50-26.85. Utility & High Dressing Cutter slaughter cows 25.60-28.85, Cutters 24.60-26.85, Canners 22.10-24.75, Shells down to 19.75. Couple Utility slaughter bullocks 27.25 and 30.00. One Yield Grade No. 1 slaughter bull 1900 lbs. at 35.85.

CALVES 360. Vealers grading Standard & Good 70-110 lbs. steady to $2 lower. Few Prime vealers 68.50-70.00, Choice 55.00-65.00, Good 44.00-56.00, few Standard & Good 110-130 lbs. 38.00-45.00, 90-110 lbs. 32.00-38.00, Standard 70-85 lbs. 30.00-35.00, few Utility 50-65 lbs. 18.00-25.00. Farm calves, holstein bulls 90-120 lbs. 36.00-48.00.

HOGS 104. Barrows & Gilts 50 cents higher. US No. 1-2 210-235 lbs. barrows & gilts 40.50-50.85, one lot No. 2-3 265 lbs. 37.50, few lots No. 2-4 290-320 lbs. 31.75-32.00. US No. 1-3 250-450 lbs. sows 25.00-29.50. Few Boars 15.00-18.50.

FEEDER PIGS 22. US No. 1-3 20-35 lbs. feeder pigs 17.00-25.50 per head.

SHEEP 9. Few Choice 80-100 lbs. wooled slaughter lambs 41.50-45.50.

Try A Classified Ad
It Pays!

Midwest Carlot Meat Trade

December 28, 1976

Compared to Mondays close: fresh pork cut trade remains slow, demand moderate to light, most pressure noted for fresh loins 20-DN lbs. skinned hams. Fresh loins not established, pcinics steady, Boston Butts and spareribs not established, skinned hams 14-20 lbs. 2.00-3.00 lower, 20-up lbs. steady to 1.00 higher, Bellies 50-1.00 higher.

FRESH PORK CUTS

Loins no sales reported
Picnic 4-8 lbs. 46.00 steady
Boston Butts no sales reported
Spareribs 3-5 lbs. 55.00
Skinned hams 14-17 lbs. 72.75 2.75 lower, 17-20 lbs. 71.00 2.00-3.00 lower, 20-26 lbs. 69.50-70.00, mostly 70.00 50-1.00 higher, 26 & up lbs. 61.00 steady
Bellies, SDLS 10-12 lbs. 48.50 50-75 higher, 12-14 lbs. 52.50 1.00 higher, 14-16 lbs. 52.50 1.00 higher, 18-20 lbs. 47.50
Pork Trim 80 per cent lean 50.00 fresh
OFFAL & Variety
Cheek Meat 55.00
Melts 9.50

Compared to Mondays close: Beef trade slow. Demand light. Choice 3 Steer Beef 3.00-3.50 lower. Choice 4 Steer Beef 1.50 lower. Choice 3 Heifer Beef 1.75-2.00 lower. Primal Beef Cuts, arm chucks 1.00 lower. Cow Beef, Utilities steady - 1.00 higher; Canner & Cutter 3.00 higher.

STEER BEEF

Choice 3 600-800 lbs. 59.50-61.50 late mostly 59.50-60.00 3.00-3.50 lower
Choice 4 600-800 lbs. 57.50 1.50 lower
Good 2-3 600-800 lbs. 56.00-56.50
Good 1-3 600-800 lbs. 54.75-57.00 Holstein Type
Standard 1-2 500-800 lbs. 46.75

HEIFER BEEF

Choice 3 500-700 lbs. 57.75-59.00 late 57.75-58.00 1.75-2.00 lower
Good 2-3 500-700 lbs. 54.00-54.50

COW BEEF

Utility (BRKG) (NTHRN) 3-4 44.00 steady
Utility (BNG) 2-3 47.00 1.00 higher
Canner & Cutter 49.00-51.00 late 51.00 3.00 higher

CHOICE 3 PRIMAL BEEF CUTS

Fores 130-210 lbs. 50.50-52.25
Arm Chucks 75-120 lbs. 45.75 1.00 lower
Rounds (STEER) 70-95 lbs. 77.00

GOOD 3 PRIMAL BEEF CUTS

Arm Chucks 75-120 lbs. 41.50 load
Beef Trimmings 50 per cent chem lean (fresh) 25.00-25.50

Greencastle

Greencastle, Penna.
December 27, 1976

CATTLE 89. Compared with last Monday's market, slaughter cows mostly $1 to $2 higher. Choice slaughter steers 36.75-38.75, Good 35.00-36.75, Standard 29.25-34.00, Utility 27.50-29.00. Few Standard slaughter heifers 27.00-28.50. Utility & High Dressing Cutter slaughter cows 25.00-27.10, Cutters 23.75-25.75, Canners 21.00-24.00, Shells down to 17.00. Few Good 400-700 lbs. feeder steers & heifers 26.50-28.00.

CALVES 191. Veal grading Standard & G steady to $3 higher. Ch vealers 71.00-79.00, G 58.00-70.00, Standard & G 110-130 lbs. 45.00-58.00, 80 lbs. 29.00-35.00. Farm cal holstein bulls 95-115 38.00-45.00.

HOGS 36. One lot US N 2 215 lbs. barrows & 42.50, No. 1-3 215-240 41.00-42.00. Few US No. 300-450 lbs. 26.25-28.00.

FEEDER PIGS 20. One US No. 1-3 40 lbs. feeder 22.50 per head.

SHEEP 3. One lot Ch 100 lbs. wooled slaug lambs 44.00.

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EVERY THURSDAY AT 6:30 P.M.

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ABE DIFFENBACH
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Livestock market and auction news

Cattle

29, 1976
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STEERS:
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At mid-week
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St. Louis Cattle

December 29, 1976

WEEKLY CATTLE REVIEW

Recipts this week 4600: Week ago 4500: Year ago 4700

Compared last weeks close, slaughter steers 75-1.00 Higher: Slaughter Heifers 1.00-1.50 higher. Both classes registered sharp price upturns Monday, but early gains were offset by declines Tuesday. Lower prices Tuesday were the result of sharply declining prices for Steer and Heifer Beef in the wholesale dressed trade. Cows 2.00-3.00 higher, most upturn on Canner and Cutter. Bulls 1.00 higher. Supply mainly Choice 2-4 1000-1175 lb. steers, about 25 per cent Heifers, near 15 per cent cows.

SLAUGHTER STEERS: Mixed Choce and Prime 2-4 1050-1175 lbs. 39.50-40.50, load 41.00 on Monday; Choice 2-4 950-1300 lbs. 38.00-40.50, mostly 38.00-39.50 on Tuesday: Mixed Good and Choice 2-4 900-1200 lbs. 37.00-39.50, mostly 37.00-38.00 after Monday: Good 2-3 900-1100 lbs. 34.00-37.00, some to 38.00 on Monday: Standard to Good 2-3 950-1400 lb. Holsteins 29.00-33.50, few Standard 27.00-29.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 750-1025 lbs. on Monday 38.50, Part load 39.00, 44 head 39.50; on Tuesday 875-1000 lbs. 37.00, small lot 37.50: Choice 2-4 800-1050 lbs. 36.00-38.00, mainly 36.00-37.00 on Tuesday: Mixed Good and Choice 2-3 700-975 lbs. late 34.00-36.25, some to 37.25 on Monday: Good 2-3 29.00-35.00, largely 29.00-34.00 on Tuesday.

COWS: Utility and Commercial 2-4 22.00-25.50, closing 23.00-25.50, Utility 1-2 26.00. Canner and Cutter 1-2 20.00-25.00, mostly 22.00-25.00 at midweek. Low dressing late 19.00-22.00.

BULLS: YG 1-2 1000-1600 lbs. 26.00-29.00, Few YG 1 1400-1800 lbs. 30.00.

Lancaster Feeder Cattle

Friday Dec. 25, 1976

Feeder Cattle	
Today	Holiday
Last Friday	849

No auction due to Christmas Holiday.

Omaha Cattle

December 29, 1976

Compared with the previous week's close: Slaughter Steers and Heifers closed largely 75-1.25 lower. Cows closed 1.00-2.00 higher, bulls steady to 1.00 higher.

The Fed cattle trade held together fairly well early but turned downward when the Carlot dressed trade broke sharply at midweek. Packers came into the week-fairly well supplied with cattle, particularly in view of another shortened work week. Slaughter Steers made up around 45 per cent of the week total and Heifers 33 per cent. There was a fairly liberal percentage Choice but mixed Good and Choice and some loads yield grade 3-5 Steers over 1300 lbs. represented. Cows made up near 15 per cent and feeders 5 per cent of the total.

Receipts for 3 days 13,900 plus an estimated 500 for Thursday feeder auction.

STEERS: Late trading included load and part load Choice with end prime mainly 3 1150 lbs. 39.75; at the week's high point Monday part load 40.75. At the close, Choice 2-4 1000-1300 lbs. 38.50-39.50, some at 39.50 with end of Prime. Load Choice and Prime 3-4 1300 1325 lbs. 38.25, part load 4-5 1488 lbs. 34.00. Mixed Good and Choice 2-3 950-1225 lbs. 37.50-38.50. Good 2-3 33.50-38.00, Load Good and Choice 2-3 1316 lb. Holsteins 34.50. Standard and Good 31.50-33.50.

Average of LS-214 detailed quotations for Choice 900-1100 lb. Steers this week 39.50; Choice 1100-1300 lbs. 39.25. Average weight Steers first two days this week 1131 lbs. as compared 1138 lbs. previous week. Average weight Heifers first two days 965 lbs. as compared 978 lbs. previous week.

HEIFERS: At the close, load Choice end Prime 3-4 near 1000 lbs. 38.40, part load Monday 39.50. Choice 2-4 850-1025 lbs. closed 37.25-38.25. Mixed Good and Chioce 2-3 850-1000 lbs. 36.00-37.25. Good 2-3 32.00-35.50, Few Standard and Good 31.00-32.00.

COWS: Utility and Commercial 2-4 23.00-24.50, Few 25.00-25.50. Canner and Cutter 19.00-23.00, Mixed Cutter and Low-Utility 23.00-24.00.

BULLS: 1-2 1400-1800 lbs. 26.00-29.00, Some Yield Grade 1 30.00-31.00.

Martinsburg

Martinsburg, Pa.
December 27, 1976

CATTLE 183. Compared with last Monday's market, slaughter steers steady to $1 lower. Slaughter cows $1 to $2.50 higher. Good slaughter steers 35.50-38.50, Standard 30.00-34.00, Utility 26.00-30.00. Good slaughter heifers 32.00-35.00, Standard 28.50-32.00, Utility 25.00-28.00. Utility & High Dressing Cutter slaughter cows 26.75-28.50, one at 29.00, Cutters 24.50-27.00, Canners 22.00-25.00, Shells down to 20.00. Good slaughter bullocks 32.50-36.00, Standard 28.50-31.00, Utility 26.50-29.00. Yield Grade No. 2 slaughter bulls 30.00-34.50.

CALVES 211. Vealers grading Good & Choice $1 to $2 lower, Standard & Good $2 to $5 higher. Choice vealers 60.00-65.00, Good 57.00-60.00, Standard & Good 110-130 lbs. 40.00-47.50, 90-110 lbs. 32.00-38.00. Farm calves, holstein bulls 90-115 lbs. 35.00-40.00.

HOGS 349. Barrows & Gilts steady to 50 cents higher, spots $1.50 higher. US No. 1-2 200-240 lbs. barrows & gilts 42.00-44.00, No. 1-3 200-250 lbs. 41.00-42.50, No. 2-3 190-260 lbs. 40.00-41.00, No. 2-4 240-260 lbs. 40.00-41.50, No. 1-3 140-190 lbs. 35.00-40.00. US No. 1-3 300-550 lbs. sows 26.50-30.00, No. 2-3 300-600 lbs. 24.50-26.50. Boars 17.50-20.00.

FEEDER PIGS 27. US No. 1-3 20-35 lbs. feeder pigs 8.50-17.00 per head, No. 1-3 35-50 lbs. 20.00-26.00 per head.

SHEEP 0. No sales on offer.

HAPPY NEW YEAR

No-till meeting set

COLLEGE PARK, Md. - The winter season of educational meetings for agronomists, agribusinessmen and crop farmers will get under way in earnest immediately after the New Year, with a statewide conference and two big East Coast meetings on consecutive days in the first week of January.

Attendance at the three events is expected to total 1,900 persons.

First off is the 69th annual meeting of the Maryland Crop Improvement Association, set for Monday (Jan. 3) in the Grand Ballroom Lounge of the Student Union building on the University of Maryland campus at College Park. Some 150 certified seed producers and other interested persons are expected.

On Tuesday (Jan. 4) the crop caravan will move 32 miles to downtown Baltimore for the three-day, thirty-first annual meeting of the Northeastern Weed Science Society at the Baltimore Hilton hotel.

That conference is expected to attract 400 weed science research workers, educators and industry respresentatives from 13 Northeast states, Canada, and the District of Columbia. The event has been held annually at New York City in recent years, and it has never convened previously in Maryland.

Then, the peripatetic crops classroom picks up steam and moves 55 miles northwest to Gettysburg, Pa., for the third annual Mid-Atlantic No-Tillage Convention on Friday (Jan. 7) at the Sheraton Motor Inn.

A crowd of nearly 950 persons is expected to jam into all available space for this event. The meeting site is located two miles south of Gettysburg on U.S. highway 15.

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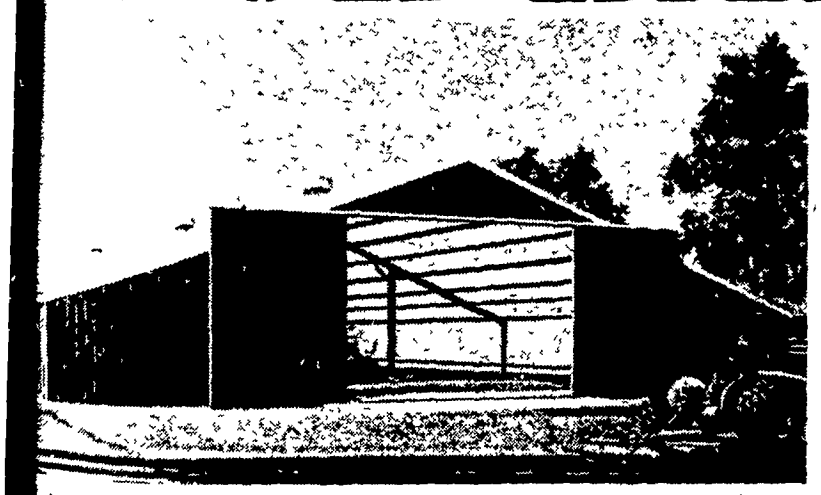
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Daniel S. Mast
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THE OLD FARMER'S ALMANAC

JAN. 3-9, 1977

Spell of warming before storming.

Fell timber now Richard Nixon born Jan 9, 1913 Full moon Jan 5 Cattle need salt now Average length of days for the week, 9 hours, 12 minutes Transatlantic phone (New York to London) opened Jan 7, 1927 Photography first used Jan 9, 1839

If the family lives in harmony, all affairs will prosper

Ask the Old Farmer: A friend of mine told me that when he was a young boy, whenever he asked his mother what they were having for dinner, she often answered "bread and skip" He never found out what that meant Do you know? D A, Chicago

No second course

Home Hints: Next time you braise shoulder lamb chops, add some strips of carrot and onion to the braising liquid You'll like the flavor

OLD FARMER'S WEATHER FORECASTS

New England: Clear, very cold, sunny with light snow and milder midweek, week's end brings cold snap

Greater New York-New Jersey: Cold to start, then light rain or snow, clearing

Middle Atlantic Coastal: Week begins cold and raw, warming midweek, then cold, rainy and freezing for weekend

Piedmont & Southeast Coastal: Cold and cloudy, then warm with heavy rain, cool and cloudy for the end of the week

Florida: Showers to start, then a warm and sunny week

Upstate N.Y.-Toronto & Montreal: Cold and snowy, then turning mild and rainy, week ends sunny and cold

(All Rights Reserved Yankee Inc Dublin N H 03444)

East Coast Carlot Meats

December 28, 1976

Compared to Monday: Demand and Commitments moderate for beef as reported by the USDA. Steer Beef in limited comparison 3.00 lower. Heifer beef .50-1.75 lower. No comparison on cow beef; Boneless Beef steady to 1.00 higher. Fresh Pork cuts: Picnics steady to .50 higher; skinned hams steady to firm. Lamb steady to 3.00 higher than late last week; most advance on 65 lbs. down.

STEER BEEF

Choice 3 600-800 lbs. 6450 3.00 lower, Good 3 600-800 lbs. 5950-6000 no comparison, Good 2-3 Holstein 550-800 lbs. 6000-6050 no comparison

HEIFER BEEF

Choice 3 500-700 lbs. 6125-6250 .50-1.75 lower, Good 3 500-700 lbs. 5750-5800 no comparison

COW BEEF

Canner-Cutter 1-2 350 lbs. up 5100-5150 no comparison

CHOICE 3 PRIMAL BEEF CUTS

Steer Hinds 145-190 lbs. 7900 no comparison, Fores 139-210 lbs. 5575 no comparison

LAMB CARCASS CHOICE AND PARIME 3-4 compared late ALAST WEEK

55 lbs. down 9900-10100, few 10200 2.00-3.00 higher, 55-65 lbs. 9200-9300 1.00-2.00 higher, 65-75 lbs. 7900-8200 steady, 75-85 lbs. 6800-7300 no comparison

FRESH PORK CUTS

Picnics 4-8 lbs. 4925 steady to .50 higher, Spareribs 3-5 lbs. 5825 no comparison, skinned hams 17-20 lbs. 7700 firm, 20-26 lbs. 7300-7325 no comparison, 26 lbs. up 6425 steady, Cheek Meat load 5825

SMOKED PORK

Skinned Hams, bone in 16-19 lbs. 7800 no comparison, skinned hams semi-boneless 17-20 lbs. 9600 no comparison, Picnics 5-7 lbs. 5800 no comparison, No. 1 sliced bacon vacuum pack 9850 no comparison, Franks - 70 beef-30 pork, 10 per 1 lb. pkg 5400 no comparison

Boneless Beef 90 per cent chem lean, fresh 6850-6950 steady to 1.00 higher

Boneless Beef 85 per cent chem lean, fresh ltd 6450 firm

Oklahoma

December 29, 1976

Wednesday Feeder Cattle Auction

Estimated Receipts 1200

Same Day last week 1523

Moderatley active, feeder cattle and calves generally steady to strong in a clean up affair; majority receipts good and choice 300-650 lb. feeder Steers and Heifers; moderate attendance buyers.

FEEDER STEERS: Few small lots Choice 300-500 lb. 37.00-40.50; 500-650 lb. 35.50-36.00; Mixed Good and Choice 300-500 lb. 34.00-36.50; Few 595-616 lb. 34.25-34.30; Good 300-500 lb. 32.00-33.75; Good 474-800 lb. Holstein Steers 26.50-27.00.

FEEDER HEIFERS: Choice 300-500 lb. 29.50-31.00; Few 500-550 lb. 30.50-30.60; Mixed Good and Choice 460-530 lb. 27.00-29.00; Few Good 300-535 lb. 25.50-27.00

FOR THE WEEK: Compared to late last week, feeder cattle and calves steady to strong; Cows in very good demand and 1.50-2.25 higher; Bulls fully 1.00-2.00 higher. Salable receipts for the holiday shortened week near 2,600 head compared to 3,051 last week and 1,565 the same week a year ago. Cows and Bulls near 38 per cent of the cattle receipts; feeders 54 per cent of the total.

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Mount Joy, PA

REGISTERED COWS

Round Oak Rag Apple Elevation due 1-29 bred to Charmcross

Heatherstone Lucky Typeblazer due 1-14 bred to Pencor

Vigo Charmcross due 1-19-77, 2nd calf, bred Chief 2-2 334 15,428 590 3.8

Penn State Ivanhoe Star due 1-29-77, 2nd Hercules 2-0 317 12,946 523 4.0

M D - Gaywinds Merry King due 1-11-77, 2n to Charmcross son 2-1 338 14,340 576 4

Rich-herd Marless due 2-4-77, 4th calf, bre Duke 3-5 327 17,129 608 3.5

Fleetridge Monitor due 2-10-77, 1st calf hei Citation

Klever Ormsby Sentator Dollar GP-80 d Countdown 2-3 305 13,328 479 3.6

Lime-Hollow Ida Falls Style due 2-15-77 t 4-1 305 16,905 698 4.1

Also, High Quality Grade Cows & Heifers

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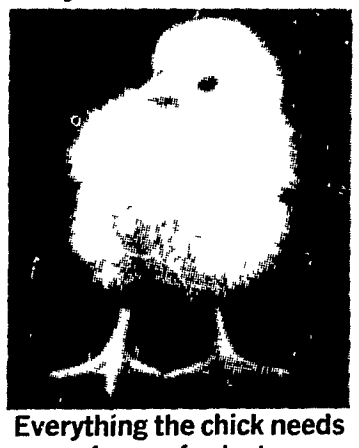

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PURINA BIO-4

Feeding of Pullets The new improved Purina pullet feeding program indicates new time periods and poundage guides and poundage guides for pullets under both normal and stress conditions.

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What it is - A highly fortified complete ration formulated with amino acids, vitamins and minerals balanced to energy for successful starting of chicks.

ADVANTAGES

1. A highly efficient Chick Starter with proper amino acid balance (protein guarantee 18 percent) for optimum growth.
2. It may be used as a ration for stress conditions during the period from 6-12 weeks of age.
3. Developed to satisfy both the needs of cage reared and floor maintained chicks.

*A Purina Bio-4 Program Chow

BIO GROWENA 1

What it is - A highly efficient complete growing ration formulated with vitamins, amino acids and minerals balanced to energy. To be fed to pullets from 5-10 weeks of age.

ADVANTAGES

1. A highly efficient ration with proper amino acid balance to promote optimum growth (15.0 percent protein).
2. It may be used as a ration to be fed during periods of stress from 10-20 weeks of age.
3. If pullets are control fed during the summer months (not a normally recommended practice), Bio Growena 1 can be fed during the period from 12-20 weeks of age to insure adequate intake of amino acids, vitamins and minerals.
4. Developed to satisfy the requirements of both caged and floor reared pullets.

*A Purina Bio-4 Program Chow.

PURINA BIO-4 PRODUCTS FOR PUL

All highly efficient rations formulated on bio available nutrient values and fortified wit acids, vitamins and minerals balanced to a energy level.

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What it is - A complete highly efficient growi formulated with amino acids, vitamins and balanced to energy. To be fed during the per 10-20 weeks or 5 percent production.

ADVANTAGES

1. Bio Growena 2 contains optimum amino tification to promote optimum growth percent protein tag guarantee).
2. Bio Growena 2 was developed to satisfy needs of cage reared and floor maintained
3. Growena 2 can be used in a control feeding p
4. It is a low fiber ration that will give highly growth rates in the feed utilization.

*A Purina Bio-4 Program Chow.

Livability and Superior Egg Production depend to a large degree on the baby chicks first 145 days in this world.

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More government

[Continued from Page 1]

he top of President-elect Jimmy Carter's list for e time, but his nomination will need confirmation Senate. If approved, the Minnesotan will become Secretary of USDA.

to Congress in 1971, the 48-year-old Bergman is as a political liberal closely related to labor. He an outspoken critic of the Nixon-Ford-Butz farm

ince he was elected, Bergland has served on the riculture Committee and is currently chairman of ommittee on Conservation and Credit. In addition, who may hold the top agriculture post after Jan. 20 served on the Subcommittee for Dairy and Poultry committee on Livestock and Grains.

ling to many observers, this change in Washington is result in more government involvement in food - a ction entirely than what American farmers have know for the previous eight years. According to is not only means more government involvement, more government planning. It's unlikely, however, cal changes will be seen during the first year of the dministration, since it will require some sort of n to bring new programs on the books and then have operation.

been reported that Carter may be considering a brand new department in Washington, of which agriculture would be only one segment. The other concerns of this proposed department would revolve around food aid, research-education, rural resources, and human, natural resources.

Observers generally agree that the Carter administration will strive to make agriculture a more stable industry - where more predictions can be made and supplies kept in check. That's why the grain reserves program is likely to come into existence again. Increased support prices are designed "to share the risks with farmers."

The Carter Administration's ideas have found support among some farmers, but there is also considerable opposition, since many farmers are willing to take the risks themselves in order to have a freer agricultural economy and have opportunities to make a little bigger than average profit in some years. On the other side of the coin, this also means having to take a licking once in a while. But American agriculture has for the most part been happy and prosperous with those terms. This new direction is not going to be implemented without causing a few harsh words to be spoken, agricultural leaders say.

As for exports, this area of farm production is not likely to change much, if at all. American agriculture is geared to sales overseas, and doing away with that outlet would lead to severe repercussions at home.

One source of information believes that consumers will have a greater say at USDA in the upcoming years. Also, the National Farmers Union and National Farmers Organization are likely to be more influential than during Republican administrations.

Although Carter himself has a background in farming, and admirers like to think of him as a farmer, Washington observers say that this well-known Carter trait won't have much to do with eventual farm programs since the President has far too many things to be concerned with than just agriculture. Carter is described as a very hard driving man with plenty of determination and intensity. He studies issues carefully from all sides, and sticks to his guns when he makes up his mind.

Now, for more detailed outlooks on various segments of agriculture:

An outlook on the dairy situation for 1977, as seen by Charles N. Shaw, of the Economic Research Service, USDA, is presented on page 79 of this issue.

WHEAT

Wheat is really plentiful this year - not just in the U.S., but all around the world. Consequently exports are expected to be weak for much of 1977 and prices are likely to be down. It is also reported that the wheat crop in the Southern Hemisphere is coming along well, and with that in the future, wheat prices and exports will be in the cellar for quite some time to come - possibly all the way in 1978.

One repor says:

Total world grain production increased nearly 11 per cent in 1976-77 crop year versus 1975-76 crop year. World wheat production was up 16 per cent and feed grains up 8 per cent from year ago levels. World demand for wheat is forecast to increase 6 per cent from 1975-76 level, leaving ending stocks at 104 million metric tons versus 62.6 million on July 1, 1976. This will be a new world record for wheat stocks on July 1, 1977. Thus, wheat supplies will likely keep pressure on feed grain prices in 1976-77. Feed grain demand is expected to be up seven per cent from 1975-76 levels, leaving stocks at 52.3 million metric tons on July 1, 1977 versus 47.6 million tons on July 1, 1976. This could be the largest feed grain stocks figure since July 1, 1974 when 55.1 million metric tons were on hand.

EGGS and POULTRY

The United Egg Producers, with headquarters in Decatur, Ga. have the following to say about the future of the egg industry:

"The UEP Industry Outlook Committee has reported that the egg industry is headed for another serious financial crisis in 1977 if chick hatch and placement rates continue as they have in the past three months. The potential for greater hatches and placements is evident in statistical reports and UEP members should be aware of the economic consequences, the Committee reported.

"To keep 1977 profitable, the industry needs to slow down the rate of increase in chick hatch and remove the 2 million older hens from production that were held to take advantage of the above-normal prices in November and December. Our members can take the lead by booking old fowl now for January and February slaughter as plants could get filled quickly."

USDA's Economic Research Service says:

"Egg producers have had a good year, but the broiler and turkey growers have lived up to their reputation as "boom and bust" industries. A year ago poultry producers' profits were good and the outlook favorable. Producers' responded by stepping up 1976's output to record levels. However, prices suffered and poultry producers found themselves in a price-cost squeeze by late summer. Prospects for first half 1977 are not very favorable for broilers and turkeys. Egg producers' profits turned positive in late 1975 and have continued so throughout 1976. And unlike poultry producers, prospects look favorable for egg producers in 1977.

Prospects for the second half of 1977 look favorable for egg producers unless they expand output too rapidly. The level of output will depend on producers' profit margins in the first half of 1977 and prospects for the 1977 crops. Output is expected to continue to expand and may average two per cent or more above July-December 1976. The expected continued gain in general economic conditions will help bolster egg prices; however, the increased output in the first half is expected to result in egg prices averaging below second half 1976 levels. If output expands as expected, second half 1977 prices may average about a nickel below the 69 cents a dozen (wholesale Grade A large eggs in New York) estimated for the second half of 1976.

Broilers will continue to face increased competition from pork in the first half of 1977 and prices may average 4 to 6 cents below the 42-cent average for January-June 1976.

The lack of profits in recent months and a dismal outlook for at least the first half of 1977 probably will cause producers to reduce poulty production in coming months. However,

[Continued on Page 16]

No-till meeting detailed

Farmers and industry representatives from Delaware, New Jersey, Maryland, Pennsylvania, West Virginia and Virginia are expected for the third annual Mid-Atlantic No-Tillage Convention on Friday (Jan. 7) at Gettysburg, Pa.

Speakers from outside of the Mid-Atlantic area will include Dr. Donald K. Myers, Extension agronomist at Ohio State University; Bruce A. McKenzie, Extension agricultural engineer at Purdue University, and David A. Harris, a chartered mechanical engineer from England.

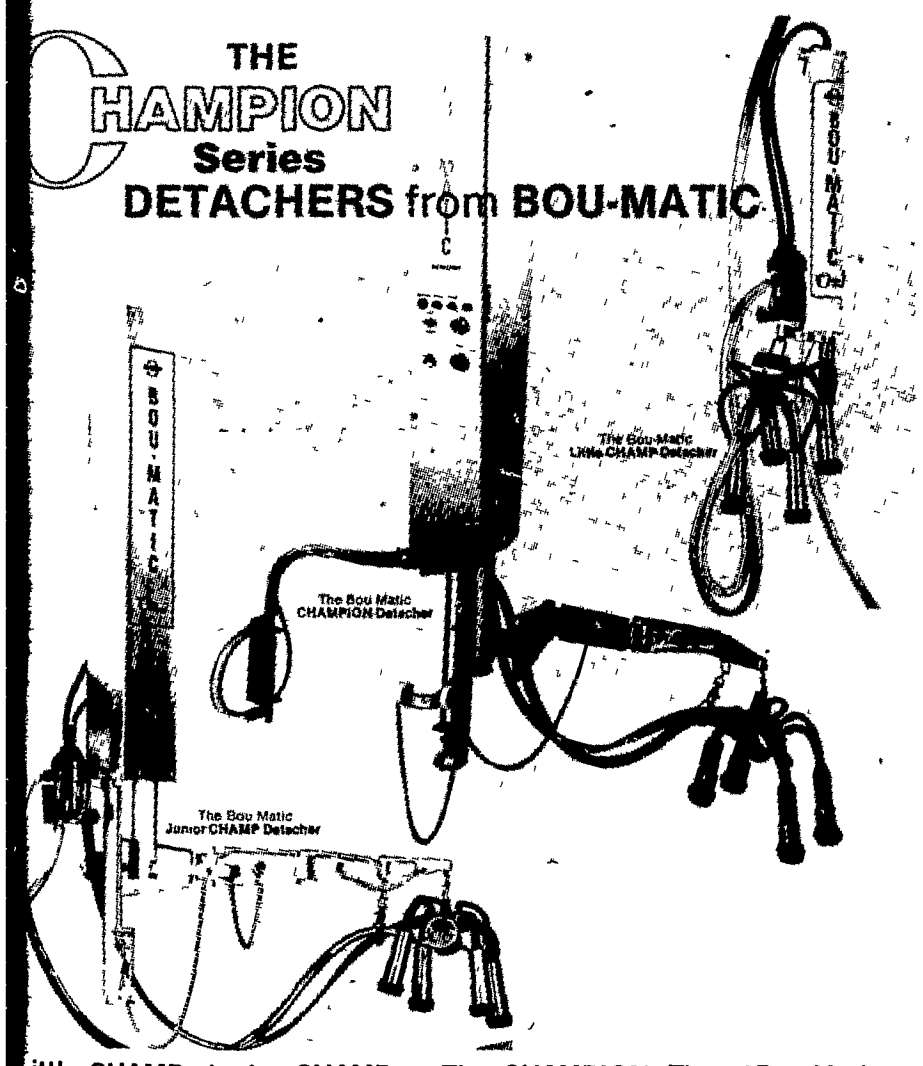
Harris is manager for the machinery development group in the plant protection division of Imperial Chemical Industries, Ltd., headquartered at Fernhurst, southwest of London, in southern England. ICI United States, Inc., is headquartered at Wilmington, Del.

Tickets for a free box lunch at noon during the Gettysburg meeting are available from county Extension offices and many agribusiness dealers throughout the Mid-Atlantic area. They should be picked up not later than Friday (Dec. 31, 1976)

HAPPY NEW YEAR

We look forward to 1977 and the opportunity it may bring to serve our nds and customers in every possible way.

THE CHAMPION Series DETACHERS from BOU-MATIC



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The boys just don't look the same when Daddy's in charge

With Mommy not home, Daddy having to work on a newspaper, little boys wanting to see their father, and Daddy wanting to see wife and daughter, some improvising has to be done.

My wife, Lisa, you see, wasn't home for most of this week due to the stork being hot on Santa's heels to deliver a belated Christmas present named Heidi.

The common belief that storks seek a warmer climate during this time of year is just not true. You folks know how cold it's been lately if you live anywhere along the East Coast. What's more this stork chose to knock at 1:30 a.m. on Monday, and delivered the present a little over three hours later. Mother and daughter are doing real fine.

How Daddy and sons are doing is questionable.

Tuesday morning I wanted to be with the boys while simultaneously preparing a feature on 1976 (it begins on page 70 and will be concluded in next week's issue). It didn't work so well.

While the boys - Paul aged 4, and Karl aged 2½ - were downstairs playing, I was upstairs reading and typing. In spite of a generous amount of new toys from Santa, little Karl wasn't happy being with inanimate objects. So he came upstairs and made himself comfortable on Daddy's lap. Any misspelled words in the aforementioned story are therefore Karl's doing because typing with a little fellow on your lap doesn't work out very well It sure isn't a fast way to write stories.

Later in the morning, the doorbell rang. "A fine time for company," I thought, "at least we can still use Christmas as an excuse"

It turned out to be a gentleman from a carpet shop to install a protective strip which had been forgotten a few weeks ago

So I showed the man in and we tiptoed across a toy-strewn floor Then it was back to the typewriter with Karl

When lunchtime approached, I asked Karl if he wanted a hot dog

"No, I donwannahog-gog," he replied.

From the other side of the table came the eager words "I want a hot dog, Daddy"

So I slipped a few hot dogs into the pan - one for Paul and a couple for myself.

Men - whether they're two feet tall or fully grown - don't like waiting for food, so while we waited for the doggies to get hot, I made some jelly sandwiches That's what Karl was asking for

I didn't get much to eat at first, since I was kept busy spreading jelly on bread and pouring milk into glasses Karl was taking short-cuts as usual by licking the jam off of the bread and then handing the bare slices back to me for more "I want more; Daddy," he'd say with eyes sparkling and a mischievous grin stretching from ear to ear.

When the hot dogs were done, I ate mine in between filling glasses with milk and spreading more jelly on bread.

"Do you want mustard on your hot dog?" I asked Paul.

He just nodded and then reached out while proclaiming: "I want to do it." I guess squeezing mustard out of a container is fun.

"Here's your hot dog," I said, placing it on Paul's plate.

"I don't want it," he replied.

"Okay, what do you want - cookies, cereal, a sandwich?" I asked.

"I had enough now," he said, and to prove it he even refused a half a banana.

Well, by now it was time to check in at the office, so I put on the boys' coats to take them across the street to a neighbor Stepping carefully around wall-to-wall toys, Christmas wrapping paper, boxes, and other debris, we meandered across the living room and out the door

So ended the first chapter of my baby-sitting.

That evening, while preparing the next weather report (it still needs to be written, so if you can't find it in this issue, it probably means I didn't get it done), I was a little wiser by moving my notes and typewriter to the kitchen table.

After an appreciable time of relative calm and quiet, Paul tugged at my arm and with eyes big as golf balls and said: "Look Daddy, see my office!"

I looked around for his office. We did give him a little desk and accessories for Christmas which we said could be his office But I couldn't see any office.

"Where is it?" I asked my little editor.

"Right there - see it, Daddy!" he said excitedly with eyes still as round and sparkling as ever

The sight before me wasn't what I had in mind The little fellow had stacked everything he could find -- from a big red wagon to stuffed animals to newspapers - into a good sized heap, and called it his "office" I guess my desk does look something like that, now that I stop to think about it

It was time to go to bed

"Where are your pajamas," I asked Karl, just to be able to hear his adorable answer to every such question "I don't see it"

Children are terrific Lisa and I feel very blessed to have this new little addition in our family With a brand new baby to start the year with, we're confident of 1977 being filled with happiness for us

May it be likewise for each and every one of Lancaster Farming's readers

— Dieter Krieg, Editor

THE BIBLE SPEAKS

International Uniform Sunday School Lessons

BY LAWRENCE W ALTHOUSE

THE HOLY FAMILY

Lesson for January 2, 1977

Background Scripture: Luke 1:80; 2:39-52
Devotional Reading: 1 Timothy 4:12-16.

It is traditional to regard Joseph, Mary, and Jesus as "The Holy Family." But, of course, as the New Testament indicates, their household eventually included other children as well. At least one of his brothers, James, played a significant role in the early church.

Beyond that, the Bible tells us very little about the family of Jesus. Most of what we know about the years between his birth and the beginning of his ministry is to be found in the latter portion of the second chapter of Luke's Gospel.

According to custom

For one thing, it is apparent that here was a family with a strong religious foundation. Luke says: "And when they had performed everything according to the law of the Lord, they returned to Galilee" (2:39). Later he tells us that "his parents went to Jerusalem every year at the feast of the Passover" and again: "And when he was twelve years old, they went up according to custom..." (2:41,42). Furthermore, as Jesus sits with the elders in the Temple and asks his surprising questions, it is apparent that this boy has been taught the scriptures, probably at home and in the synagogue.

Secondly, we can see that there was a strong element of mutual respect in this family. For one thing, as a twelve year old lad Jesus is given a certain amount of freedom, so that when the return journey from Jerusalem begins, his parents assume that Jesus is somewhere in the caravan with his playmates.

It used to seem strange to me that his parents could go a whole day's journey before missing their son, but several years ago I had a similar experience. I was conducting a bus tour through Europe and we had stopped briefly in the Italian alpine town of Cortina D'Ampezzo to take a few photographs. About 30 miles beyond this, someone asked me where was my son, Kevin. "Oh, sleeping on the back seat of the bus as usual," I replied confidently. As I turned to gesture to the back seat, I realized Kevin was not there. Immediately we turned the bus around and drove all the way back to Cortina where we found Kevin waiting patiently! He didn't understand why we had been so excited.

Didn't you know...?

So, I can better appreciate what Jesus' parents were feeling when at last they found him in the Temple and I can also understand why there was some misunderstanding between them. From his point of view, there was nothing over which they should have become excited From their point of view, his unexplained absence seemed a lack of consideration for them.

Yet despite the fact that Jesus did not understand their attitude, Luke tells us, "And he... was obedient to them," and although Mary did not understand her son's strange explanation, she nevertheless "kept all these things in her heart." In the Holy Family misunderstanding and hurt were healed with love and respect ..why not in our families also?

NOW IS THE TIME

Max Smith
County Agr. Agent
Telephone 394-6851

TO FEED FOR BOTH CARCASS GRADE AND YIELD GRADE

Cattle feeders are experiencing a change in the basis for market values of fat cattle. Many local feeders are accustomed to feeding for the Choice or Prime grade of cattle on the rail; prime cattle have a limited demand and lately feed costs have been too high to get them into this grade profitably. However, current carcass values are based on both the carcass grade and the yield grade; this latter grade refers to the "cut-out" value of the carcass in relation to red meat and to fat. Cattle with a high percentage of red meat yield grade No. 1 or No. 2, while cattle with considerable fat will grade No. 4 or No. 5. The market value is considerable lower for this latter group. Therefore, feeders should try and market their cattle when they will yield a choice carcass grade and a No. 2 or No. 3 yield grade. Too much fat will lower the price per pound.

TO BECOME PESTICIDE CERTIFIED

We are aware of the small amount of interest in farmers become certified in the use of pesticides. The deadline is October of 1977 and we urge local producers to take time now to meet the requirements. Certification requires that the producer take an examination regarding the use of various kinds of pesticides; if his grade is good enough, he will become certified. One of the best ways to start this program is to enroll in the Pesticide Correspondence Course at Penn State; this will cost $6 and will provide information prior to the examination. Application blanks for this course are available at any Penn State Extension Office. Pennsylvania is publishing a list of pesticides that will require certification to buy and use. This program will be regulated by the Pesticide Division of the Pennsylvania Department of Agriculture at Harrisburg.

TO USE CATTLE IMPLANTS

Cattle feeders have had quite a struggle to make ends meet, and this condition may continue for several months. One of the practices to produce cattle at a lower cost is to use implants such as Synovex or Ral-Gro; these are approved and will give more economical gains. Another practice that will save feed is to use the feed additive named Rumensin; this is approve research indicates saving in the amou required for a poun in weight. This should be added in and does not restraining equipm

TO SECURE FAR INCOME TAX G

Our supply of F Tax Guides have ar we urge local folks a copy; this is without cost and sho great help in filing income tax repor published by the Revenue Service. Al folks who are ma income tax report farmers will bene referring to this F Tax Guide. We rec this publication for understanding of in reporting for the fa

Farm Cale

Saturday, Jan

Leola Fire Compan pork and sau dinner, 12 noon t at the Leola Memorial Bu Take-outs are available.

Monday, Jan

Red Lion Young F meeting. Subject come tax chan farmers, IRS present in class the high school.

Manheim Young F meet, 7:30 p.m high school. Topi varieties selection

Tuesday, Jan.

Hunterdon County N Conservation D supervisors meet p.m. at the Ex Center in Flemin

Dairy calf housin ventilation meetin p.m. at Octorar School vo-ag room 41, about two mile of Atglen.

Dairy management m 7:30 p.m. at Gard High School. Top include registrat grade Holsteins, perature rec thermometers, somatic cell program, new selection informat

Adult farmer record analysis me Ephrata Young Fa Ephrata High S 7:45 p.m.

Area meeting on fa come tax, Royal Ridgeway, 10 a.m p.m. Adva registration req Contact your agent.

Wednesday, Jan

Regular meeting Lancaster C association of teachers, 4:15 p Garden Spot High S New Holland.

Executive comm meeting of the Hun County, N.J. bo agriculture, 8 p m Hunterdon Count tension Center.

Virginville Grange Area meeting on fa

|Continued on Page

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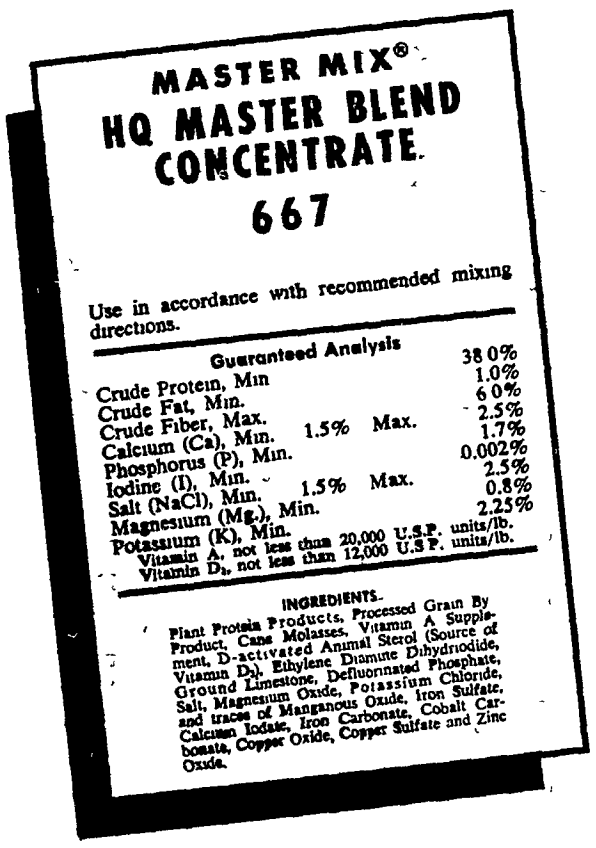
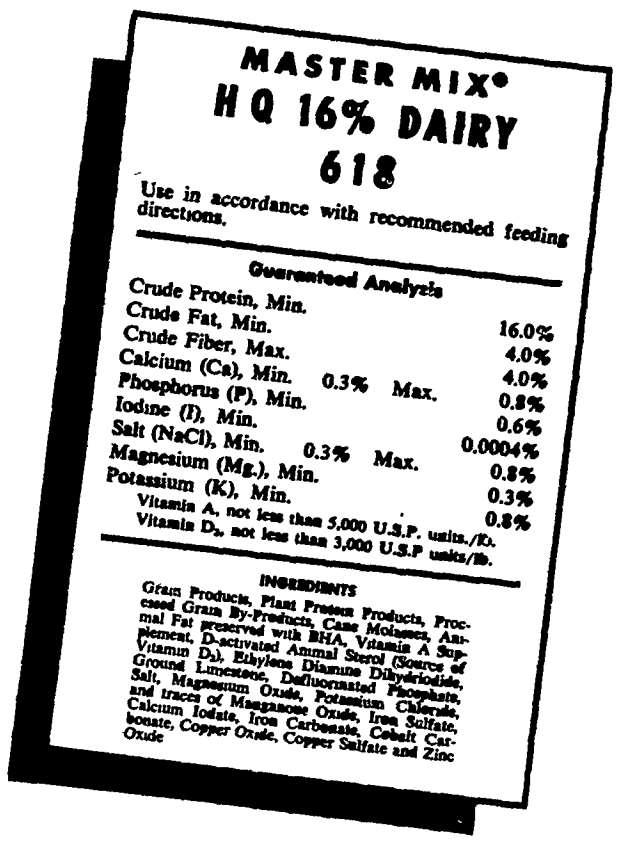

MASTER MIX®
HQ MASTER BLEND CONCENTRATE
667

Use in accordance with recommended mixing directions.

Guaranteed Analysis			
Crude Protein, Min			38.0%
Crude Fat, Min.			1.0%
Crude Fiber, Max.			6.0%
Calcium (Ca), Min.	1.5%	Max.	2.5%
Phosphorus (P), Min.			1.7%
Iodine (I), Min.			0.002%
Salt (NaCl), Min.	1.5%	Max.	2.5%
Magnesium (Mg.), Min.			0.8%
Potassium (K), Min.			2.25%
Vitamin A, not less than 20,000 U.S.P. units/lb.			
Vitamin D_3, not less than 12,000 U.S.P. units/lb.			

INGREDIENTS.
Plant Protein Products, Processed Grain By Product, Cane Molasses, Vitamin A Supplement, D-activated Animal Sterol (Source of Vitamin D_3), Ethylene Diamine Dihydriodide, Ground Limestone, Defluorinated Phosphate, Salt, Magnesium Oxide, Potassium Chloride, and traces of Manganous Oxide, Iron Sulfate, Calcium Iodate, Iron Carbonate, Cobalt Carbonate, Copper Oxide, Copper Sulfate and Zinc Oxide.


MASTER MIX®
HQ 16% DAIRY
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Use in accordance with recommended feeding directions.

Guaranteed Analysis			
Crude Protein, Min.			16.0%
Crude Fat, Min.			4.0%
Crude Fiber, Max.			4.0%
Calcium (Ca), Min.	0.3%	Max.	0.8%
Phosphorus (P), Min.			0.6%
Iodine (I), Min.			0.0004%
Salt (NaCl), Min.	0.3%	Max.	0.8%
Magnesium (Mg.), Min.			0.3%
Potassium (K), Min.			0.8%
Vitamin A, not less than 5,000 U.S.P. units./lb.			
Vitamin D_3, not less than 3,000 U.S.P units/lb.			

INGREDIENTS
Grain Products, Plant Protein Products, Processed Grain By-Products, Cane Molasses, Animal Fat preserved with BHA, Vitamin A Supplement, D-activated Animal Sterol (Source of Vitamin D_3), Ethylene Diamine Dihydriodide, Ground Limestone, Defluorinated Phosphate, Salt, Magnesium Oxide, Potassium Chloride, and traces of Manganese Oxide, Iron Sulfate, Calcium Iodate, Iron Carbonate, Cobalt Carbonate, Copper Oxide, Copper Sulfate and Zinc Oxide

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Rural fire companies receive aid

HARRISBURG, Pa. - Rural fire companies across the Commonwealth, which serve areas with a population of 10,000 or less, are benefiting from a Federal Rural Community Fire Protection Program implemented by the Division of Forest Fire Protection within the Pennsylvania Department of Environmental Resources.

Benefits from this program are in the form of Federal excess trucks, fiberglass water tanks, hose reels and other equipment purchased with funds, on a 50-50 matching basis, from Title IV of the Rural Development Act of 1972.

The Act authorized and directed the Secretary of Agriculture to provide financial, technical and other assistance to State Foresters or other appropriate officials to organize, train and equip fire departments in rural areas and communities under 10,000 population to prevent and suppress fires.

It is aimed at improving fire prevention, control, and suppression in those rural areas where the volunteer fire companies normally do not have the necessary funds for the purchase of new equipment.

Also as part of the Title IV program, the Commonwealth received for the 1976 fiscal year $102,100 and application forms were mailed to all known fire companies in Pennsylvania with the exception of those in Philadelphia and Pittsburgh.

After careful evaluation of the returned applications, 60 fire companies were selected to receive cost share grants for the purchase of suppression equipment, communications and protective clothing and gear. Federal excess trucks were not involved in this portion of the program.

For the Federal 1976 transition quarter (July through September) an additional $25,520 was received by the Commonwealth and was used to extend the program by awarding grants to 15 additional fire companies for the purchase of small equipment.

Among the rural fire companies approved for grant money for the purchase of protective gear, communications equipment or suppression gear are:

South Mt., Franklin County; Monaghan, York County; Bendersville, Adams County; Delaware Twp., Juniata County; Newburg Hopewell, Cumberland County; Rockwood, Somerset County; Allison, Hiller, Dawson and Dunbar, Fayette County; Morris Twp., Greene County; Whitney and Mr. Pleasant, Westmoreland County; Ottsville, Bucks County; Oaks, Montgomery County; Union Water Works and Speedwell Engine & Hose Co., Lebanon County; Friedens, Lehigh County; Sacramento, Good Intent and Kline Twp., Schuylkill County; and Gratz, Dauphin County.

Seed case settled

HARRISBURG, Pa. - A settlement of $2,750 has ended a case under the Federal Seed Act against an Illinois seed firm, according to Raymond J. Kerstetter, Pa. Secretary of Agriculture. The case was filed in the U.S. District Court for the Northern District of Illinois, and involved in part a shipment of lawn seed to Pennsylvania.

Kerstetter said that Seaboard Seed Company, of Bristol, Illinois, paid the settlement figure for alleged violations involved in nine shipments of lawn seed from March 1971 to February 1975. The alleged violations included false labeling as to noxious-weed seeds, purity, origin and test date; excessive noxious-weed seeds; incomplete labeling as to purity and noxious-weed seeds; and failure to keep required records under the Federal Seed Act.

The Pennsylvania Department of Agriculture's Plant Industry Bureau assisted in the investigation. The Botany and Seed Division sampled and tested the seed involved and provided the necessary evidence for the successful completion of the case.

Kerstetter said that the Federal Seed Act is a truth-in-labeling law designed to protect farmers and other consumers when they purchase seed shipped in interstate commerce. The Act is administered by the Agricultural Marketing Service (AMS) of the United States Department of Agriculture.

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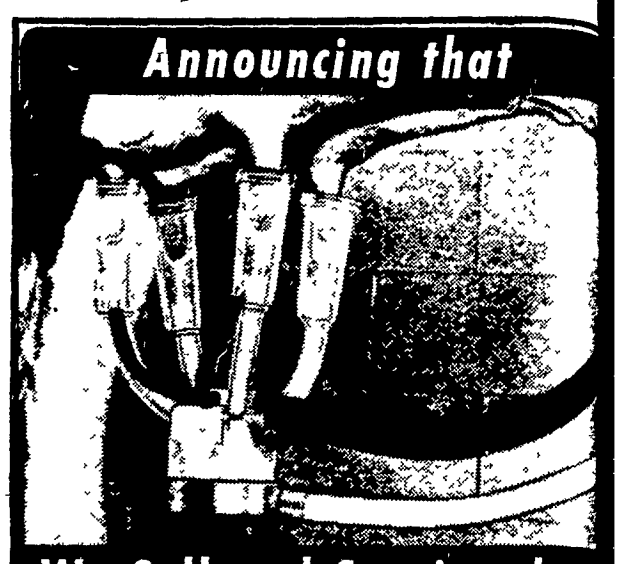

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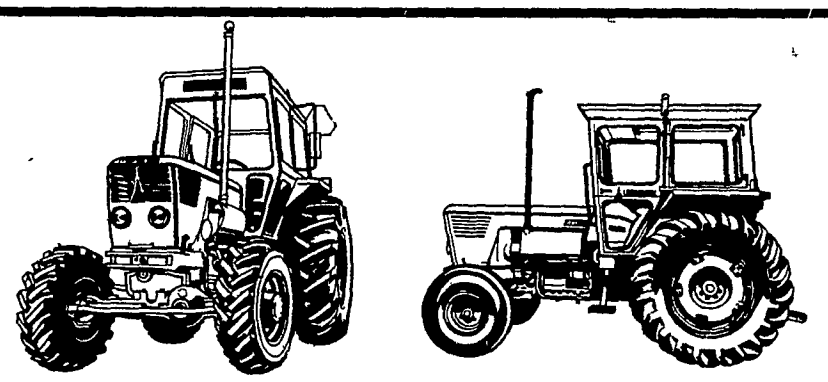

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nter storms come in several forms

By DIETER KRIEG

NOTE: This is the 17th article in a continuing

ctors which determine our weather pattern are immensely powerful. Winter storms are no exceptions.

Cold seasons are brought about as a result of the Earth no longer tilting toward the sun at the same pronounced angle as was true during the warm months. With the rays of the sun no longer hitting the northern hemisphere as directly as before, Earth's weather in this region begins to cool until the degree of tilt reverses itself and becomes more pronounced again. At the same time, days become longer and nights shorter.

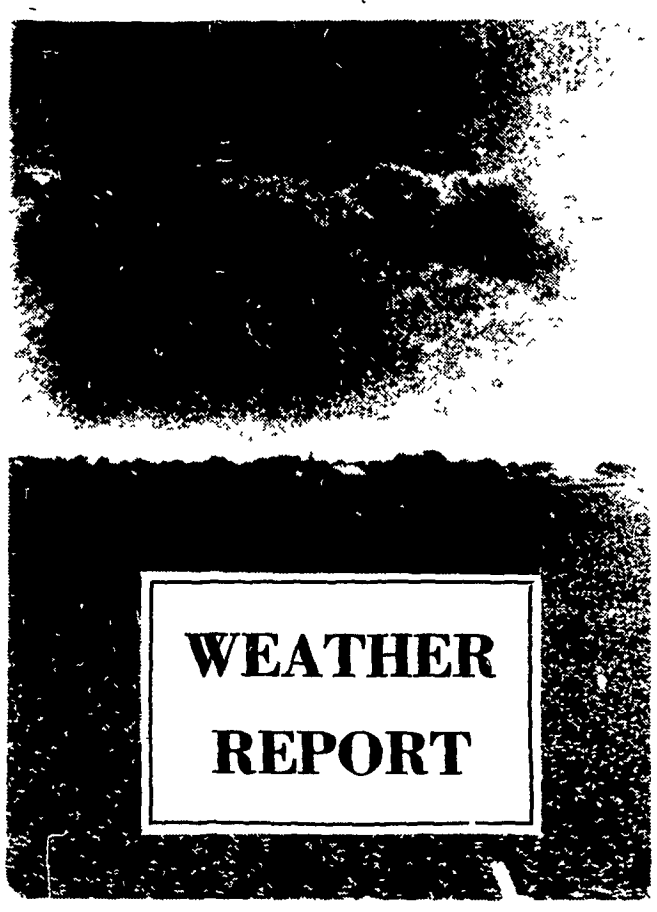
Simple enough to explain mechanically, this regular seasonal occurrence is a key to why life is the way it is in non-tropical regions. Sure enough, our entire agricultural system hinges on the perennial spinning and tilting of our planet. It happens from year to year as regular as clock work.

There are times during the lives of every farmer when he wishes he could do without winter, I'm sure. Like when water pipes have frozen up; or a tractor and load are hopelessly stuck in snow and ice; or when the bulk tank is overflowing due to the milk truck not being able to get in and cattle are bawling for lack of feed and water; or the manure spreader froze up tight.

Changing the degree of tilt of the Earth would be impossible to do, however.

Winter's storms are spawned by the same forces which give birth to storms during the warmer seasons. Essentially, they're the result of constant interaction between warm and cold air masses. The variations in temperature and pressure make the atmosphere "boil" regardless of what time of year it is. Tremendous amounts of energy are released or consumed, the results of which we see in wind, hail, snow, rain, sleet, and bitter cold temperatures.

The National Oceanic and Atmospheric Administration - National Weather Service provides the following details on a variety of storm forms. They also point out to farmers that autopsies of cattle killed by winter storms have shown the cause of death to be dehydration, not cold or suffocation. Cattle cannot lick enough snow to satisfy their thirst, NOAA scientists emphasize, and stockmen are therefore advised to be extra careful in providing their animals with adequate supplies of feed and water during prolonged exposure to winter storm conditions. Blizzards take a terrible toll in livestock, NOAA research indicates. "For both humane and economic reasons, cattlemen should take necessary precautions in advance of severe winter storms.



NOAA scientists describe winter storms in these words, which are taken directly from an agency brochure.

FREEZING RAIN OR FREEZING DRIZZLE

Freezing rain or freezing drizzle is rain or drizzle occurring when surface temperatures are below freezing (32 degrees Fahrenheit). The moisture falls in liquid form but freezes upon impact, resulting in a coating of ice glaze on all exposed objects. The occurrence of freezing rain or drizzle is often called an ice storm when a substantial glaze layer accumulates. Ice forming on exposed objects generally ranges from a thin glaze to coatings about an inch thick; but much thicker deposits have been observed. For example, ice deposits to eight inches in diameter were reported on wires in northern Idaho in January 1961, and loadings of 11 pounds per foot of telephone were found in Michigan in February 1922. It has been estimated that an evergreen tree 50 feet high with an average width of 20 feet may be coated with as much as five tons of ice during a severe ice storm. A heavy accumulation of ice, especially when accompanied by high winds, devastates trees and transmission lines. Sidewalks, streets, and highways become extremely hazardous to pedestrians and motorists—over 85 per cent of ice-storm deaths are traffic related. Freezing rain and drizzle

[Continued on Page 15]

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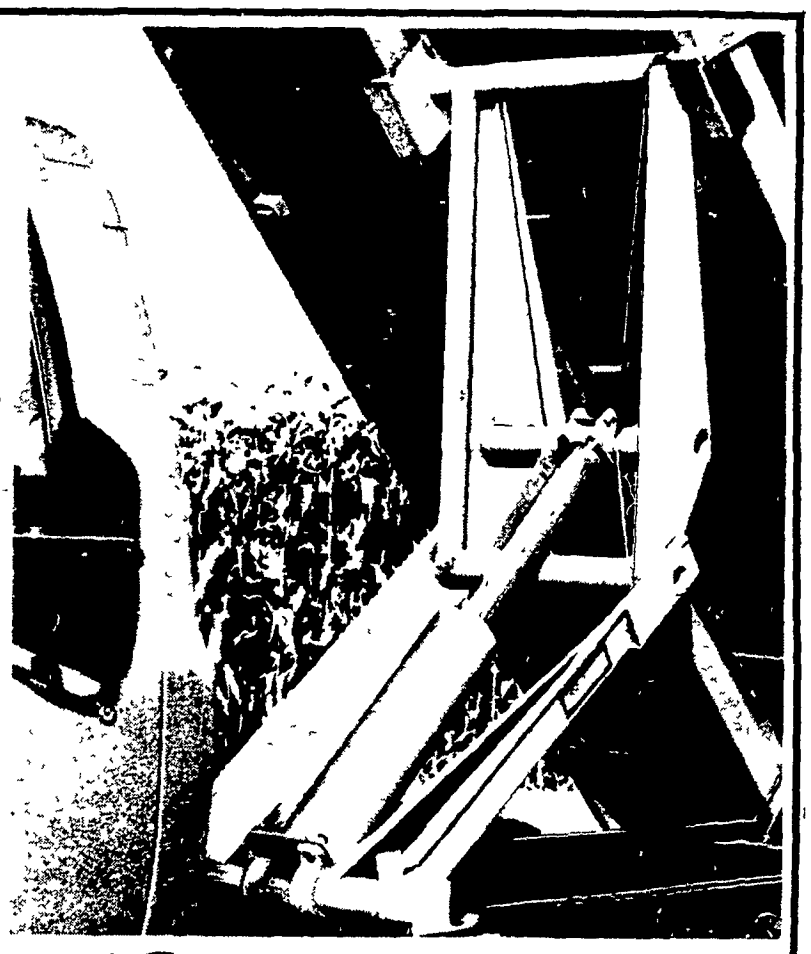

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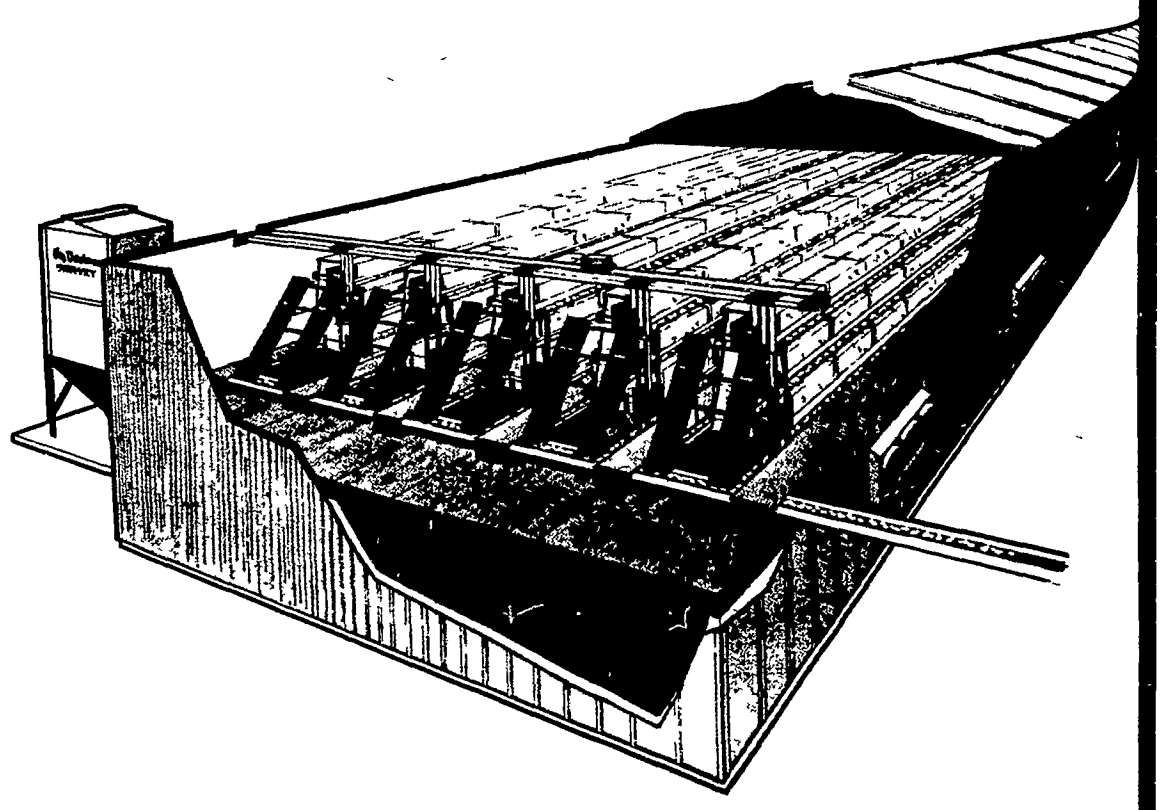

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Winter

[Continued from Page 13]

equently occur for a short time as a transitory condition tween the occurrence of rain or drizzle and snow, and erefore usually occur at temperatures slightly below eezing.

Ice storms are sometimes incorrectly referred to as sleet orms. Sleet can be easily identified as frozen rain drops ce pellets) which bounce when hitting the ground or other jects. Sleet does not stick to trees and wires; but sleet in fficient depth does cause hazardous driving conditions.

The terms ice storm, freezing rain, and freezing drizzle arn the public that a coating of ice is expected on the ground nd on other exposed surfaces. The qualifying term heavy is ed to indicate the coating which, because of the extra eight of the ice, will cause significant damage to trees, verhead wires, and the like. Damage will be greater if the eezing rain or drizzle is accompanied by high winds.

SNOW

The word snow in a National Weather Service forecast, ithout a qualifying word such as occasional or intermittent, eans that the fall of snow is of a steady nature and will robably continue for several hours without letup.

Heavy snow warnings are issued by the National Weather ervice to the public when a fall of four inches or more is xpected in a 12-hour period, or a fall of six inches or more is expected in a 24-hour period. Some variations on these rules may be used in different parts of the country. Where four-inch snowfalls are common, for example, the emphasis on heavy snow is generally associated with six or more inches of snow. In other parts of the country where heavy snow is infrequent or in metropolitan areas with heavy traffic, a snowfall of two or three inches will justify a heavy snow warning.

Snow flurries are defined as snow falling for short durations at intermittent periods; however, snowfall during the flurries may reduce visibilities to an eighth of a mile or less. Accumulations from snow flurries are generally small.

Snow squalls are brief, intense falls of snow and are comparable to summer rain showers. They are accompanied by gusty surface winds.

Blowing and drifting snow generally occur together and result from strong winds and falling snow or loose snow on the ground. Blowing snow is defined as snow lifted from the surface by the wind and blown about to a degree that horizontal visibility is greatly restricted.

Drifting snow is used in forecasts to indicate that strong winds will blow falling snow or loose snow on the ground into significant drifts. In the northern plains, the combination of blowing and drifting snow, after a substantial snowfall has ended, is often referred to as a ground blizzard.

Blizzards are the most dramatic and perilous of all winter storms, characterized by strong winds bearing large amounts of snow. Most of the snow accompanying a blizzard is in the form of fine, powdery particles of snow which are whipped in such great quantities that at times visibility is only a few yards.

Blizzard warnings are issued when winds with speeds of at least 35 miles per hour are accompanied by considerable falling or blowing snow and visibilities are dangerously restricted making it very easy to become lost or stranded.

Severe blizzard warnings are issued when blizzards of extreme proportions are expected and indicate wind with speeds of at least 45 miles per hour plus a great density of falling or blowing snow and a temperature of 10 degrees F or lower.

Travelers' Advisories are issued to indicate that falling, blowing or drifting snow, freezing rain or drizzle, sleet or strong winds all make driving difficult.

Stockmen's Advisories alert ranchers and farmers that livestock will require protection from wet, windy, chilling conditions. Advisories are not issued when other winter warnings are in effect.

A very strong wind combined with a temperature slightly below freezing can have the same chilling effect as a temperature nearly 50 degrees F lower in a calm atmosphere. Arctic explorers and military experts have developed what is called the wind-chill factor, which shows the combined effects of wind and temperature as equivalent calm-air temperatures. In effect, the index describes the cooling power of the air on exposed flesh.

That's the story of this season. This series will not appear for the next two weeks but will resume in late January.

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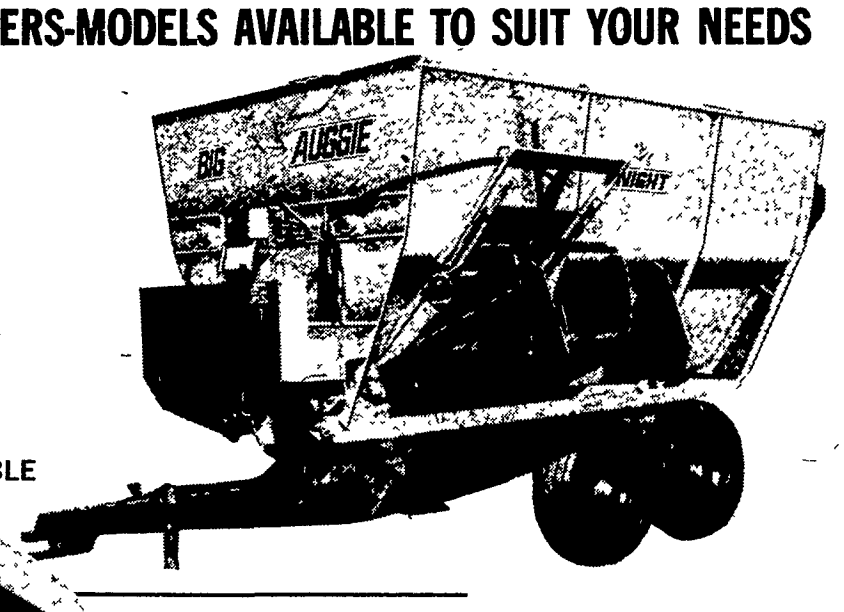

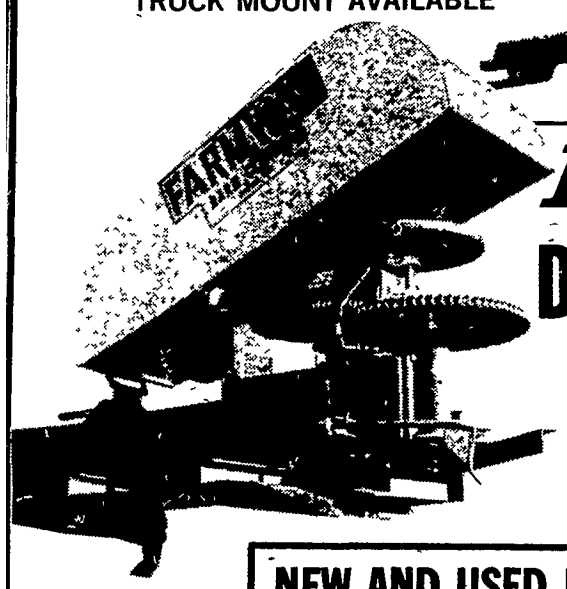

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Wool payment

WASHINGTON, D.C. - The incentive price of 72 cents a pound for marketings of shorn wool and a support of 80.2 cents a pound for mohair will continue unchanged from the 1976 level.

The National Wool Act, as amended, requires that support shall be at the above levels for each of the marketing years beginning January 1, 1971 and ending December 31, 1977.

Pulled wool (unshorn lambs) will continue to be supported at a level comparable to the incentive price for shorn wool through payments on unshorn lambs.

As in past years, shorn wool payments will be based on a percentage of each producer's returns from sales. The percentage will be that required to raise the national average price received by all producers from shorn wool up to the announced incentive price of 72 cents a pound.

Mohair payments will be calculated in a manner similar to wool. Producers of wool and unshorn lambs marketed in 1976 are reminded that applications for 1976 wool incentive payments should be filed with the county Agricultural Stabilization and Conservation Service office by January 31, 1977.

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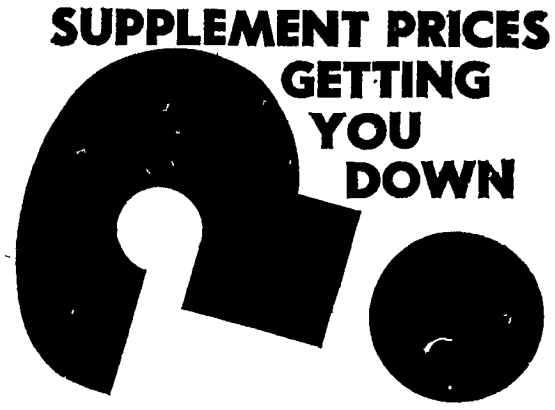

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THE TEMPTATION OF JESUS

Then was Jesus led up of the spirit into the wilderness to be tempted of the devil

And when he had fasted forty days and forty nights, he was afterward an hungred.

And when the tempter came to him, he said, if thou be the Son of God, command that these stones be made bread.

But he answered and said, It is written, Man shall not live by bread alone, but by every word that proceedeth out of the mouth of God.

St Matthew 4. 1-4

More government

[Continued from Page 9]

poultry production in recent months indicates that turkey marketings during the first quarter of 1977 may be about the same as in 1976.

LIVESTOCK and MEAT

The Economic Research Service of USDA provides the following outlook:

"Feedlot placements this fall ran near to slightly below those of October-December 1975. Earlier this fall, unfavorable beef-corn price relationships did not encourage expanded placements. However, harvesttime corn prices and more favorable steer prices are expected to raise first half 1977 placements five to six per cent over early 1976. While this points to more fed beef later in 1977, the lower October 1 inventory of lightweight cattle on feed and fall placements point to less fed beef during the winter, particularly, and the spring. If nonfed slaughter continues somewhat below year-earlier levels as expected, first half 1977 beef production probably will reach about 6 billion pounds each quarter, and beef consumption would be 2-3 pounds per person below this past summer and fall.

With moderate supply reductions, beef and cattle prices are expected to increase gradually throughout the winter and spring. Choice steer prices likely will average in the low to mid-$40's per cwt., with the bulk of their strength coming with seasonally strong demand in the spring.

HOGS

Hog prices this coming winter will continue low. During the spring, pork production may decline seasonally 5 to 7 per cent, which could move hog prices into the mid-$30's at that time, according to the ERS.

Pork production during the winter quarter of 1977 could increase by a fourth over January-March of 1976. Pigs farrowed last summer—the June-August pig crop—will supply most of the quarter's slaughter hogs.

Prices will continue under pressure. Prospects for a stronger hog market early next year may well hinge on how rapidly cattle feedlot inventories are turned. If heavy yearling cattle account for a substantial percentage of feedlot placements this fall and placements continue near the year earlier, beef supplies could be somewhat larger than currently anticipated by late winter. With at best a small quarter-to-quarter reduction in pork supplies, little price recovery is anticipated.

During the spring quarter the annual rate of increase in pork production should slow, while seasonally output may be reduced five to seven per cent.

Know Where the Activities Will Be?
Read the Farm Women Calendar.

Calendar

[Continued from Page 10]

come tax, Holiday Inn, Meadville, 10 a.m. to 3:30 p.m. Advance registration required, contact your county agent.

Thursday, Jan. 6

ancaster County corn and tobacco show, 12 noon at the Farm and Home Center

ancaster County FFA small gasoline engines contest, 1:30 p.m. at Elizabethtown High School.

rea meeting on farm income tax at Friendship Federal Savings and Loan office, Butler, 10 a.m. to 3:30 p.m. Advance registration required.

Friday, Jan. 7

No-Till Convention for Pennsylvania, Maryland, New Jersey and Delaware at Gettysburg Sheraton Inn, program begins at 9:45 a.m. and lasts through mid afternoon.

Sunday, Jan. 9

Annual meeting of the Pennsylvania Junior Guernsey Breeders, 1:30 p.m. in Parlor A of the Farm Show Building, Harrisburg.

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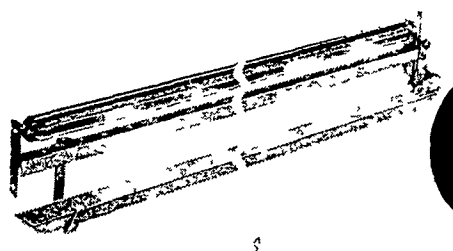

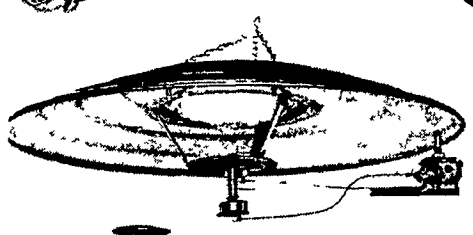

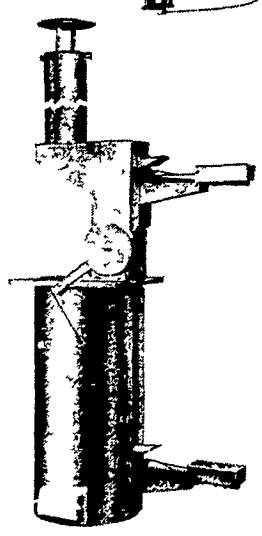

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Tobacco

Continued from Page 1]

will go before they ny contracts.

six buyers for the us companies which aster Farming spoke to this week, three leaned toward the belief that prices will have to go two to three cents higher, while two made no comment, and one said the market was too variable to tell the price would turn out to be.

But, every buyer spoken to agreed that this year's crop, countywide, is excellent.

Said a representative from Lorillard, "The crop is not questionable in any buyer's mind and every company will want some this year. Another buyer agreed with this statement, and added, "There is only so much of it to go around, so it is very possible that the prices will have to go up."

And, this year there is an extra finger in the pie - American Cigar, a division of American Brands, is reviving its activity in the area after about four years of dormancy. So far the company has only purchased a few scattered crops around the area, and as of this writing was not using buyers, as such, but employees from the office to do the work of gathering the crops to fill their orders. The office in Lancaster is only a branch of American Brands which is based in New York. They started buying this year again because of orders from their main office, and while the Lancaster based operation is not certain if orders from New York will be increased in the future, speculation has it that they might be. At any rate, American is in there adding extra demand this year.

So far, Lancaster Farming has been unable to determine how many total acres of tobacco have been sold at the 60 cent level. On Tuesday in the Millersville area only two small crops had been sold by growers who normally let their crop go early.

And "quite a bit" has been sold from Route 72 to the Mt. Joy area. There is also a documented case of 60 acres purchased in the Landisville area by John Berger and Son. However, only a small amount has been purchased in the Manor area, and farmers from Witmer and Intercourse report that no selling is going on at all around them. And, as of Thursday morning, farmers reported that Lancaster Leaf and Owens buyers had not purchased much of the 1976 crop.

"It's only a drop in the bucket," says one buyer.

Richard Lantz, manager of Lorillard Corporation refused to comment on how many acres that firm had purchased in the past week and declined to acknowledge if the buy had been large or small. He did say that his buyers are covering the whole county and not concentrating in one area.

A. Kenneth Mann, on the other hand, who is an agent for nonlocal tobacco firms, was quick to explain that his company has purchased more than a couple of hundred acres in Pennsylvania of both sorted and unsorted; Maryland; and Type 41 tobaccos. Mann started buying last month and is paying 78 to 81 for Maryland - sorted and tied - and 58 to 50 for Type 41 straight stripped. For Type 41, sorted, he is offering 65 cents.

As far as the price is concerned, farmers themselves, have been speculating that the price will go higher than 60 cents. Wisconsin tobacco, a direct competitor, was a poor crop this year; the Lancaster crop is excellent; and production costs have gone up, so farmers are asking the natural question, "Why shouldn't our prices go up?"

One Manheim grower who asked to remain anonymous said, "They are trying hard to buy it right now, and I believe that the next few days will be the determining factor."

Another said, "My crop is premium tobacco, and you'd better believe that I'm holding out for more."

Grower resistance may be high because of what one grower called "bullheadedness." "I really resent it when these buyers call on the phone and don't bother to come out and look at the crop," the grower said with emphasis.

Reported weights for this crop range anywhere from a pound and a half to a pound and three quarters per lath, which is light compared to other years, but adds to the top quality of the '76 crop.

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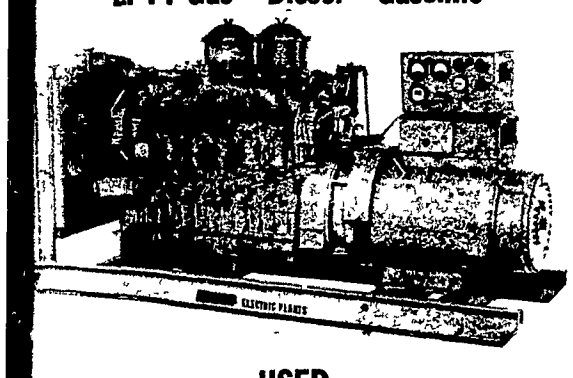

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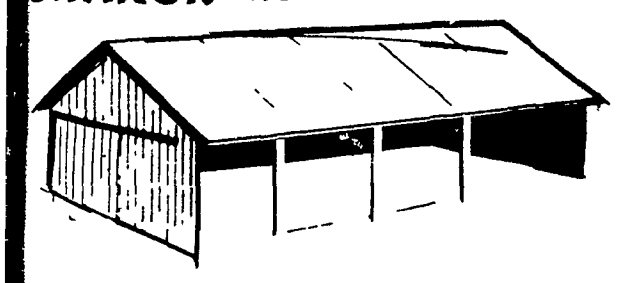

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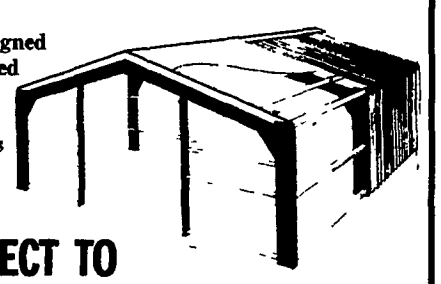

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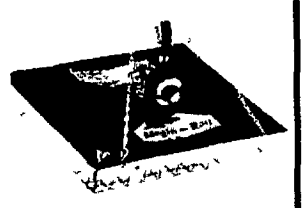

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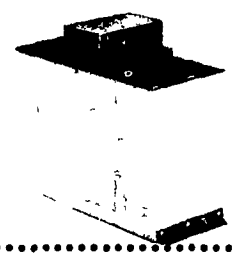

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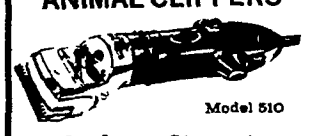

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Snowmobile complaints received in Pa.

HARRISBURG, Pa. - Along with the start of snowmobiling activity in some areas of the Commonwealth, the Department of Environmental Resources has received complaints about the improper use of snowmobiles on private property.

Secretary Maurice K. Goddard today reminded snowmobilers that operating on private property without the consent of the landowner is a violation of the State's Snowmobile Law.

"There are in Pennsylvania," said Secretary Goddard, "some 64,000 registered snowmobiles and since it is illegal to operate on private property without consent snowmobilers have a responsibility to stop and identify themselves to a landowner and must remove their vehicles from the property if requested to do so."

He also called upon the snowmobile operators, who are looking forward to an adequate snowfall this winter, to remember the Snowmobile Code of Responsibility and respect the rights of others.

For a copy of the Snowmobile Code of Responsibility and a Snowmobile Safety Handbook, contact DER's Snowmobile Unit, P. O. Box 1467, Harrisburg, Pa. 17120.

Small fruit growers to meet

UNIVERSITY PARK, Pa. - The production, marketing, and economics of strawberries and brambles will be discussed at a Small Fruit Growers Roundtable scheduled for Jan. 18 at the Friendly Farm Steak House in Baltimore County, Maryland.

According to Dr. Peter A. Ferretti, Extension horticulturist at The Pennsylvania State University, any interested small fruit grower in the state is encouraged to attend. The meeting will run from 10 a.m. to 3 p.m.

"The main purpose of the Roundtable is to discuss the major problems affecting Pennsylvania and Maryland small fruit growers and to come up with a consensus as to how to tackle them," Dr. Ferretti said.

Two prominent Maryland growers will lead the discussions. Extension and research personnel from the two institutions will be available to answer questions and assist in the discussion.

To get to the Friendly Farm Steak House, take Route 83, exit 27. Go west on Mt. Carmel Road (Md. 137) approximately 5 miles, turn right on Forreston Road and follow the signs.

There will be a family-style lunch served at the meeting.

Farm Machines Numbers Drop

The number of machines on farms dropped in 1975, after heavy sales in 1973 and 1974. Shortages of machinery have eased considerably since inventories are no longer depleted, but prices will be higher, reports the U.S. Department of Agriculture.

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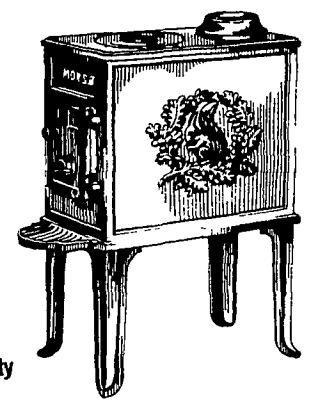

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Weed and no-till meeting on tap

The annual meeting of the Maryland Crop Improvement Association will get under way at 9:45 a.m. in the Grand Ballroom Lounge of the Student Union building on the University of Maryland campus at College Park. Morning program speakers will include Peter B. Ramaley, executive secretary of the Maryland Agricultural Commission, headquartered at Annapolis, and Dr. James R. Miller, agronomy department chairman at the University of Maryland in College Park.

At the close of the morning session, awards will be presented to the winners in the statewide corn and soybean yield contests, and this year's recipient of the Distinguished Maryland Agronomist award plaque will be announced.

Lunch is scheduled in the Black and White room of the Student Union. The afternoon program will consist of tours of Maryland state Department of Agriculture facilities located on the College Park campus.

NORTHEASTERN WEED SCIENCE SOCIETY

Theme for this year's annual meeting of the Northeastern Weed Science Society is "Agriculture - The No. 1 Industry." The three-day event will get under way at 9:30 a.m. on Tuesday (Jan. 4) in the Francis Scott Key ballroom at the Baltimore Hilton hotel.

One of four major speakers at the first day's forenoon general session will be Dr. John M. Curtis, director of the statewide Cooperative Extension Service of the University of Maryland at College Park and Princess Anne. His topic will be "U.S. Agriculture - Its Impact Nationally and Throughout the World."

Thomas M. Fisher, sales manager for Ag-Chem, Inc., at Girdletree, Md. (Worcester county), will be moderator for a Tuesday afternoon workshop discussion on weed control in various tillage systems. And Frank J. Webb, Extension agronomist for the University of Delaware substation at Georgetown, Del., will moderate a Wednesday afternoon (Jan. 5) workshop session on effective weed control in soybeans.

A Thursday morning (Jan. 6) workshop session will be devoted to weed control in nursery or ornamental crops. A myriad of technical papers will be presented at concurrent sessions during other portions of the three-day meeting. Several of these papers are being given by research workers from the University of Maryland.

Dr. James V. Parochetti, Extension agronomist at the University of Maryland in College Park, is secretary-treasurer of the Northeastern Weed Science Society. Vice-president and president-elect is Dr. C. Edward Beste, Extension weed specialist at the University of Maryland's vegetable research farm near Salisbury (Wicomico county), on the lower Eastern Shore.

MARYLAND PLANT RESEARCH APPROPRIATE to the SEASON

The Christmas season is a time when researchers at the Maryland Agricultural Experiment Station begin looking for new prizes or discoveries among the many experiemnts they have involving greenhouse flower crops.

Much of the work during this season deals with poinsettias, flowers on the Christmas list of many people. Dr. Conrad B. Link, research horticulturist at the University of Maryland in College Park, has devoted some 20 years to the study of greenhouse crops in Maryland.

"Much of our breeding work deals with testing the lasting quality of various flowers, including the poinsettia. By lasting or keeping quality I mean, can a person buy a poinsettia or other flower from a commercial outlet and expect the flower or plant to last a long time under normal home conditions?"

Included in the varieties being tested at the University of Maryland are commercial varieties that are being offered for sale in Maryland. Comparisons are made between the new plants on the market and some of the standard kinds that have been around awhile, as well as new selections taken from the university breeding program.

According to Dr. Link, much of the research at this time of year deals with the use of growth regulators on flowering plants. These chemicals are used to influence the habit or rate of growth.

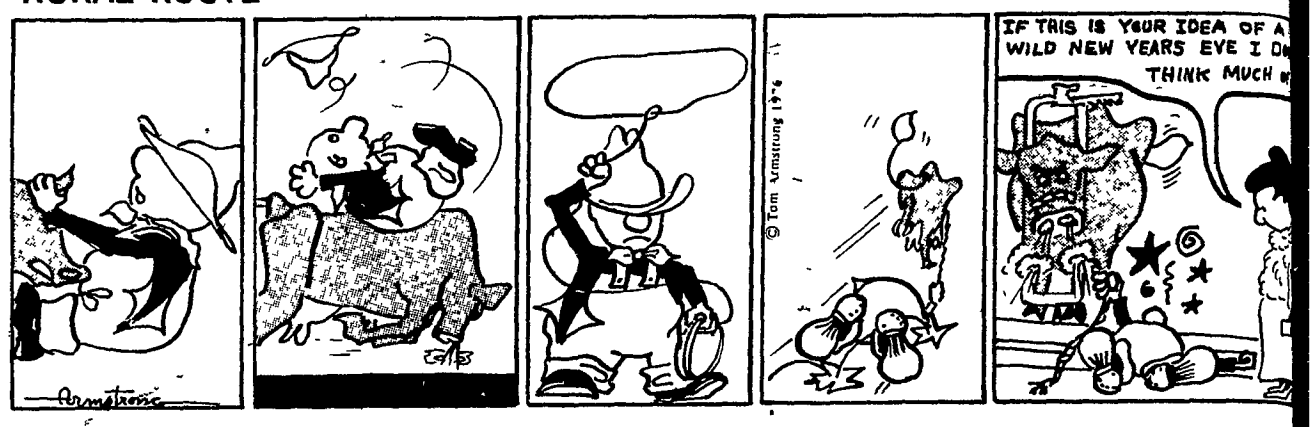
For example, one of the experiments being conducted at Maryland is using growth regulators on poinsettias to induce branching so the flowers can be used in hanging baskets. These flowers can also be branched by mechanical means such as topping the plant or pinching, but growth regulators make the job easier for commercial operators and reduce the labor requirements.

Growth regulators are also being used on greenhouse roses, Reiger begonias, azaleas, hydrangeas and several foliage plants. Hopefully, new kinds of chemicals can be found that will improve the flowering, growth habit and lasting quality of a wide arr flowers under green conditions.

Know Where the Activities Will Be Read the Farm Women Calendar

RURAL ROUTE

By Tom Armst



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Prices and attendance were down this week.

Livestock market

[Continued from Page 1]

copies mailed to subscribers by Friday, there was no market report available from the New Holland Sales Stables' Thursday sale.

Bulls at Vintage were not fully tested on Tuesday due to a light run. The slaughter supply there on Tuesday consisted of about 45 per cent slaughter steers and 42 per cent cows.

Knowledgeable and experienced personnel within the cattle industry consider the current price trend as being in line with the normal occurrences during this time of year.

Said one veteran cattleman, who has 53 years of experience in the business: "Considering the amount of turkey, chicken, eggs, and hams that are being sold now for the holidays, cattle prices held up pretty well - beef is still a very good buy."

Although cattle prices were generally lower than the week before, the outlook for 1977 appeared to be good according to several individuals interviewed at the Lancaster Stock Yards on Wednesday. Prices may be depressed, but the mood of cattlemen generally is not.

"The country is not loaded with cattle," said one individual, "I expect to see a good market in early 1977 - a steady market."

The gentleman cautioned, however, that farmers should "operate within their means, and not live for the sake of getting ahead of the Smiths' or Jones'. "We are living in a prosperous time in this country and nobody should take advantage of the next guy," the veteran cattleman said, adding that he had travelled considerably to other parts of the world and was in a position to make some valid comparisons between our way of life and those of others.

"Too man people think they can get rich overnight," he continued. "The packer needs the farmer, and the farmer needs the packer," he philosophized.

Indications at the market are that choice and prime cattle are being brought to market as they become ready - there is no hangover of cattle. "That's the way it should be," said an observer at Lancaster. "It's a good thing to sell cattle when packers want'em," he added. The packers didn't seem to be all that interested in buying many cattle however, and knowing this, farmers didn't bother to send much to market.

USDA market analyst Jim Anderson, who maintains an office here at the Stock Yards, noted that Wednesday's sale showed "very limited receipts and was not really a good test." Fewer than 200 steers were offered. Sales were 50 cents to $1 lower compared to Monday's auction. Again, the reasoning behind it was the drop in prices in the Midwest. That was brought about by decreasing prices in the dressed meat trade, although the holiday season is also a factor in that.

Not only were cattle numbers down at the sale here on Wednesday, rows of seats were empty too. Buyers were there in usual strength, but the farmers weren't.

Hogs sold here for as much as $3 to $4 lower than the week before, Lancaster's Wednesday's receipts show. On Monday, however, they were $1 to $2 higher than a week earlier. Prices for US No. 1 hogs weighing 200-235 pounds were bringing $44.25 to $45.00 per hundredweight at that time. As with the cattle, the drop in prices was attributed to trends in the Midwest.

The Oklahoma City market for feeder cattle on Wednesday was described as "moderately active" with calves generally steady to strong in a "clean-up affair." The majority of receipts showed good and choice feeders being offered weighing between 300 and 650 pounds.

Vealers, as was pointed out earlier, were the only consistently strong item on the cattle market this week, with the possible exception of cows. Prices for vealers at Lancaster on Wednesday were described as "strong to $2 higher." A few prime specimens commanded prices in the range of 72-77 cents per pound, although more common payments ranged between 62 and 70 cents. Good specimens sold for 40-50 cents per pound. On Monday at Lancaster, the word was that vealers were fully steady, with the top calves commanding a price of 70 to 74 cents per pound. Choice animals were given the final gavel at anywhere between 62 to 69 cents.

Vealers sold at Vintage on Tuesday showed the same trend, with some price instances being $3 higher than the week before.

Cows in Lancaster on Monday brought as high as 29 cents per pound. At Vintage on Tuesday they were going for as high as 32 cents. Canner - low cutter prices ranged between $20.75 and $25 per hundredweight. Bulls sold as high as $38.85. Wednesday's Lancaster auction had cows selling for $29.60 - $31.60 at best.

Anderson remarked that the sale at Vintage on Tuesday showed demand as still being "relatively good - prices a little lower, but still a good demand by the small retail outlets."

Most major buyers (packers) still aren't competing much for cattle numbers in the East, possibly because th... pick them up a little ... in the West. It's th... retailer who's holding ... market here, said ... server.

Steer prices at Vint... Tuesday ranged ... between 41 and 43 cent... exceptions to 44. One ... butcher even paid 4... per pound for one ... "Packers are not wil... pay those kind of p... said a farmer.

The sheep and ... market this week w... limited that off... declined to comment ... details are on Lan... Farming's market ...

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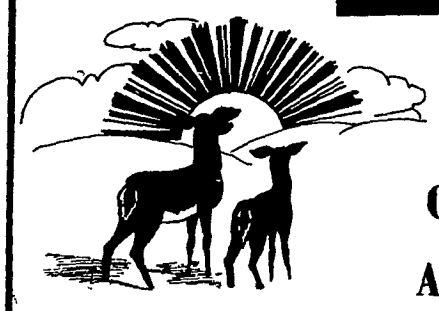

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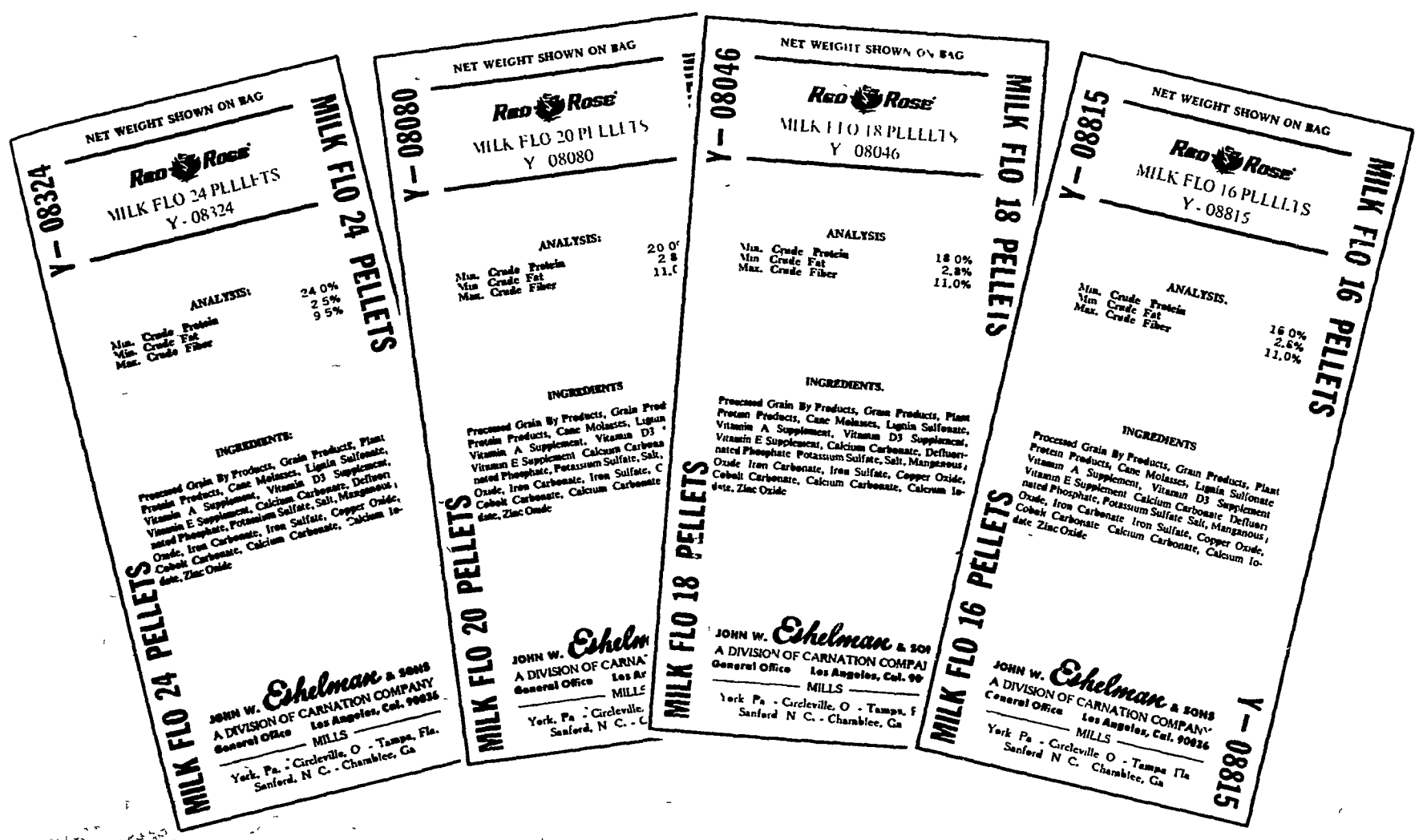
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Red Rose
MILK FLO 24 PELLETS
Y-08324
ANALYSIS:
Min. Crude Fat 2.5%
Max. Crude Fiber 9.5%
INGREDIENTS:
Processed Grain By Products, Grain Products, Plant Protein Products, Cane Molasses, Lignin Sulfonate, Vitamin A Supplement, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Carbonate, Defluorinated Phosphate, Potassium Sulfate, Salt, Manganous Oxide, Iron Carbonate, Iron Sulfate, Copper Oxide, Cobalt Carbonate, Calcium Carbonate, Calcium Iodate, Zinc Oxide
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Red Rose DAIRY FEEDS — Red Rose DAIRY FEEDS — Red Rose DAIRY FEEDS

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Nat'l Grange gives scholarship to deaf stude

By JOANNE SPAHR

LANCASTER, Pa. - Last week, Robert N. Collins, 423 N. Charlotte St., Lancaster, received a $500 grant from the National Grange to help him complete his education at the Lancaster Theological Seminary where he is preparing for ordination in the Lutheran Church. The money he received will go toward a month-long seminar abroad which is a graduation requirement he must fulfill.

A graduate from Gallaudet College in Washington, D. C., the only liberal arts college in the world for the deaf, Collins is one of seven per cent of the national population who is deaf, and for this reason has played a unique roll in both the Pennsylvania and National Granges.

For five years now, the National Grange has been helping deaf organizations. Several years ago the Grange purchased specially made telephones which work on a principle similar to a telegraph for this handicap. These phones were distributed mainly in the state of Arkansas. The Grange's most recent project is a songbook written for those who can hear but want to learn sign. It includes a complete set of sign language to go with each song, and may be the only one of its kind in the nation. That songbook was inspired by Collins at the Pennsylvania State Grange Leadership School held in Gettysburg in June.

At that conference, Collins, who is 80 per cent deaf but has a good speaking ability, was a guest lecturer for the Pa. group. Pennsylvania has been active in helping the deaf for three years. As Collins spoke, his wife Sarah, a teacher of the multiply handicapped deaf for the York-Lincoln Intermediate Unit, presented his speech in sign. At a banquet she later taught the group songs in sign language.

This idea of teaching sign language through song was so well accepted, that the National Grange began working on the unique songbook which has recently been published.

William Steel, youth director for the National Grange, explains that the organization became interested in working with the deaf five years ago when the Council of Organizations Serving the Deaf approached them for help. The Grange decided to help the cause and they have revealed that a large concentration of deaf are in rural areas.

"Unfortunately, we don't know all the cases of farm families with this problem because they will often hide their children," Steel explained.

However, it was documented in a 1971 government national health survey that over 13 million people in the United States do have hearing impairments. A hearing impairment is a loss of hearing - no matter how slight or profound. And, nationally, about 1.7 million persons are profoundly deaf, or don't receive speech sounds clearly enough through hearing to develop language, even though they may be aware of loud and random voices.

The number of deaf and hearing impaired individuals in the state was close to 800 thousand in 1971 and at that time there were 80,946 deaf individuals in Pennsylvania.

To help the cause in the state, the Pennsylvania Grange has been giving contributions to deaf foundations since 1973.

That year a $1087 check was presented to the Pennsylvania School of the Deaf at Germantown to purchase an impedence audiometer. A year later another $1000 check was presented to the Pittsburgh Hearing and Speech Society for use at their own discretion.

Robert N. Collins, left, receives a $500 check from William Steel, youth director for the National Grange. Collins, who is deaf, received the deaf scholarship grant from the National Grange to help fund a seminar abroad, which is a requirement of the Lancaster Theological S where he is preparing for o in the Lutheran Church. holding a one-of-a-kind song published by the National which includes pictures of language for the words to t

In 1975 the Grange purchased six hearing maintenance kits and presented them to the Lancaster-Lebanon Intermediate Unit 13. These kits were for the use of technicians and have been used in 21 different school districts.

And, just this year the group presented telecommunication devices to the Pittsburgh Hearing and Speech Center, Incorporated. Now, through a tie with the state organization, Bill Collins has received help to do his overseas seminar.

Future state support of the deaf is undecided at this moment, since must be cleared board of directo

However, the these projects, e deaf songbook, fairly strong, so are that fundi made available to continue sup cause.

Thomasville 4-H

THOMASVILLE, Pa. - On December 6 the Thomasville Community 4-H Club held its annual Achievement Night dinner for members and their families at the County 4-H center near Bair.

The club gave awards to the three highest cookie salesmen in the club. First place went to Kelly Rentzel; second to Tim Eisenhart; and third to Teresa Roser.

Installation of officers was performed by Jack Parr and Tommy Welsh. The officers for the upcoming year are Tommy Welsh, president; Bonnie Wire, vice president; Tina Parr, secretary; Joanne Haskins, assistant secretary; Jonathon Myers, treasurer; Kelly Rentzel, news reporter; Karen Parr, assistant news reporter; Nancy Eisenhart, song leader; Teresa Roser, assistant song leader; Tammy Wetzel, game leader; Joey Welsh, historian; and Roy Thompson, assistant historian.

Outstanding project work awards were presented to the following members: Dairy- Tommy Welsh, Rifle- Jack Parr, Vegetables- Teresa Roser, Foods- Michele Lau, Tractor- Jonathan Myers, Sewing- Joanne Haskins, Poultry- Roy Thompson, Knitting- Sandy Eisenhart, Automotive- Gary Welsh, Bicycle- Paul Myers, Horticulture- Nancy Eisenhart, Handyman- James Roth, Ceramics- Nancy Kulynych, Goat- Debbie Rodgers, Leathercraft- Joey Welsh, Sheep- Beverly Eisenhart, Photography- Bonnie Wire.

Other project award winners in various project areas are: Clothing- Tina Parr, Carol Haskins, Rabbit- Mike Welsh, Angela Kulynych, Foods- Kristine Sponseler, Dairy- Christine Wolf, Horticulture- Vicki Rauhauser, Handyman- David Eshbach, Robert Haskins, Crocheting- Needlework- Lori Hoke.

The teen leaders are: First year- Nancy Eisenhart, Kelly Rentzel, Joey Welsh, and Jonathan Myers; Second year- Bonnie Wire, and Paul Myers, III; and Third year- Tim Eisenhart, Jack Parr, Jeff Roth, Tommy Welsh, and Gary Welsh.

An alumni pin was presented to Jeff Roth for his achievements and club work as a 4-H member. A letter opener was presented to Tim Eisenhart to signify that he has obtained the highest level of achievement in the 4-H program. A Special Friend of 4-H award was presented to Rodney Wire.

Mrs. Vicki Rhorbaugh presented Harris Horn with a special award for all the years of service to the Thomasville Community 4-H Club.

The evening ended with a friendship circle singing Kum-ba-ya led by Mrs. Harris Horn.

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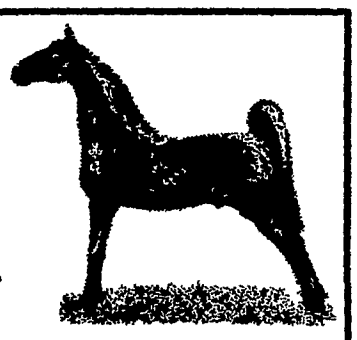

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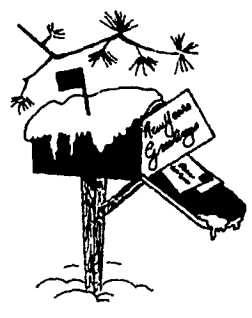

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We have a good selection on new tractors and equipment

- ATHENS 131 DISC HARROWS
- ATHENS CHISEL PLOWS
- GLENCOE SOIL SAVERS
- BETTER-BILT SPREADERS
- GEHL EQUIPMENT

350 Spreader
120 Grinder-Mixer
1500 Round Baler
99 Blowers.

SPECIAL
M-F 711-B.
skid steer loader
$7,000.00
Regularly $10,837.37

NISSLEY FARM SERVICE
Washington Boro, PA
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SERVICE & REPAIRS
For Allis Chalmers, New Holland, Starline, VanDale and other farm equipment.

NEW EQUIPMENT
N.H. Mowers
N.H. 27 Blower
N.H. 320 Baler
N.H. Forage Box
Lamco Forage Boxes
N.H. Running Gears
N.H. 352 & 354 Grinder Mixers
N.H. Manure Spreaders
N.H. 1890 SP Forage Harvester
Steel Mesh Corn Cribs
Killbros. Grain Boxes

USED EQUIPMENT
Dunahm 10' Cultimulcher
Oliver 520 Baler
N.H. 273 Baler w-thrower
N.H. 460 & 461 Haybines.
N.H. 34' Elevator
IHC 46 Baler w-PU
N.H. Spreaders -516S w-hyd. endgate, 516T triple beater.

ROYA. BRUBAKER SALES * SERVICE
770 Woodcrest Avenue
RD3, Lititz, PA
Phone: 717-626-7766

NEW TRACTORS IN STOCK
464 Gas
574 Gas Row Crop
574 Diesel
986 Farmall

NEW EQUIPMENT
No. 55 Chisel Plow Basic 3 RK, 7 ft.
IH 16x7 Grain Drill
350 Disc Harrow 11'6"
990 Mower Conditioners

USED EQUIPMENT
No. 550, 5-B Plow
Cub-L-Boy Snow Plow
IH No. 37 Baler w-thrower.
Sauder Snow Plow for Ford Tractor

Waiver Of Finance On New Equipment

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

730 Case Row Crop, Tractor w-semi-Cab, Nice Condition $5600.00

PAUL SHOVER'S INC.
35 East Willow Street
Carlisle, Pa.
717-243-2686

NEW IH EQUIPMENT
New 77 Model Tractors on Display
500 Trailing Discs
55 Chisel Plows
375 Windrower
720 Plow
New Fox Harvesters of various sizes
New Idea Corn Pickers & Uni Systems
Badger Forage Wagons and Silo Unloaders
Used N.I. 215 Sheller
966 Diesel Tractor
H70 Tractor
Used Tractors of Various Sizes. Makes and Models
Tillage Tools
Hay Tools
Grain Drills, etc.
Clearance Sale on IH CADETS

SEE THEM WITH YOUR OWN EYES AND FIRST HAND AT THE

Chambersburg Farm Service, Inc.
975 S. Main St.
Chambersburg, PA
PH: 717-264-3533

FOR SALE
No. 12A New Idea manure spreader - $275
No. 17 New Idea manure spreader, painted, new floor - $355
No. 15 John Deere flail chopper - $475
No. 66 New Holland baler with Wisconsin engine - $450
John Deere 2 bottom 12" plow - $150
International 3 bottom 14" plow - $225
No. 290 John Deere corn planter - $350
John Deere quick-hitch mowing machine - $185
7 foot disc - $225
Everything in excellent condition
Ready to work

PHONE
215-723-5223

USED SNOWMOBILES
John Deere X8
Scorpion 440
Arctic Cat Puma

USED LAWN & GARDEN EQUIP.
Ford 100 Tractor w-mower
IH 104 Cub Cadet Mower w-snow blower
Jacobsen LT750 riding mower
E10M GE Tractor w-mower
J.D. 214 w-mower, rototiller, & snow plow
J.D. 55 Riding Mower
J.D. 8 [illegible] H.P. Lawn and Garden Tractor (New style)
J.D. 8 H.P. Lawn & Garden Tractor (old style)
1973 [illegible] Suzuki Motorcycle
1975 Yamaha 650 w-electric start

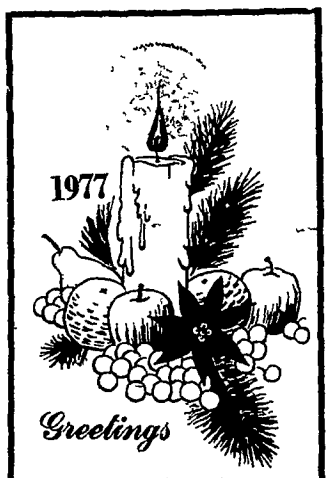
WENGER IMPLEMENT INC.
The Buck, PA
717-284-4141

Farm Equipment

MF Massey Ferguson

TRACTORS & EQUIPMENT
M F 65 Tractor
M F 150 Diesel Tractor
Oliver 550 Tractor
IH Fast hitch plow
Caterpiller D2 Dozer
Ferguson T030 Tractor
N H 472 Spreader
N H 461 Haybine
N H 469 Haybine
N H 477 Haybine
N H 479 Haybine
N H 283 Baler w-thrower
N H 717 Forage Harvester w-corn head
N H Super 717 Forage Harvester w/corn head
IH 51 Crop Carrier w/chassis
N H 451 mower
Woods Mid-mtd Rotary cutter for Farmall 140
Howard P40 Rotovator
M F 325 Backhoe
J D 483 Mower Conditioner
J D 4 Bar Side Rake

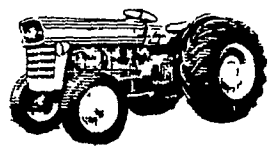
S.G. LEWIS & SON
R.D.2 215-869-2214 BOX 66
WEST GROVE, PENNSYLVANIA



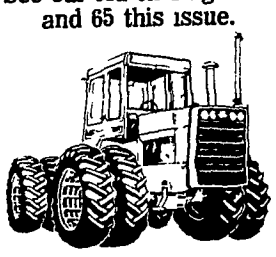
The New Year brings a new warmth to our long-cherished and valuable friendships.

MILLER'S SALES & SERVICE INC.
Stewartstown, Pa.

Hitch up to Massey. MF Massey Ferguson



SALE of Good Used Farm Equipment and Discounts on New Equipment Now Thru Jan. 7th.
See our Ad on Pages 64 and 65 this issue.



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M.F. 1805
Demonstrator
M.M. WEAVER & SONS
North Groffdale Road
Leola, PA
Phone: 717-656-2321

Farm Equipment

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516 N.H. 3 Beater Spreader
550 IH spreader with end gate
218 N.I. spreader, 2 beater w-end gate
214 N.I. Spreader
213 N.I. spreader
201 N.I. spreader, single beater
N.H. Spreader with 3 beaters
257 Hawk Bilt Spreader
200 bu. Hawk Bilt Spreader
180 N.H. tank spreader
1500 gal. Badger Liquid Spreader
J.D. 46A Loader
Bearcat PTO RollerMill
IH Grinder-Mixer w-blower
Artsway Grinder-Mixer

STOLTZFUS FARM SERVICE
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Five Basic Reasons Why Patz is Better
1 Two big drive wheels. (30 inch diameter - replaces 18 inch)
2 Double-hook gathering chain equipped with claws and cutters
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4 Self leveling device provides uniform silage removal
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J.D. 5020 w-Duals & Cab
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J.D. 3020, WFE
J.D. 3020 tractor
J.D. 530
J.D. 60 tractor
IHC 460 Gas with 3 bottom plow
(2) J.D. 112 Lawn & Garden tractors
(2) J.D. 110 Lawn & Garden tractors
Used J.D. 1440 corn planters with plateless units
(1) used J.D. F145 5-bottom plow
(1) used M & W Grain Dryer
(1) used J.D. 494 corn planter
(1) Used J.D. 1240 corn planter.

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BALDOR ELECTRIC MOTORS
Warehouse and Factory Service.
For Service Call 717-354-5566.
BALDWIN ELECTRIC MOTOR DIVISION, INC.
Box 232
Honey Brook, PA

Farm Equipment

2-B 12" & 14" Oliver Plows
Myers Wheelbarrow Sprayer
High Pressure Washers
Used 200 gal. 8-row Boom Sprayer with fiber glass tank
400 gal. sprayer with 35 gal. Bean PTO pump
Mechanical Transplanter
Meyer Hay Conditioner, PTO or Mounted
Meyer Mower- Conditioner Combination
Meyer Conditioner Parts & Service
Wisconsin 2 & 4 Cylinder Engines
Welding and Fabricating.
No. 8 & 10 New Idea Spreaders
VP4D Wisconsin Engine w-reduction clutch, very good condition
McDeering 24 Disc Harrow
Field and Tree Sprayers
3" Irrigation Pump w-engine

BEN S. FISHER
South Ronks Road
Ronks, PA

USED EQUIPMENT
- Case 32 ft 6 in Auger
- NI 310 Corn Picker
- Ford 800 Tractor
- Grove Forage Box with Running Gear
- MF Flail Chopper
- Wood Bros. 1 Row Picker
- MF 1150
- JD 227 Mtd Cornpicker
- Sauder High Lift Loader
- Colby 2 beater Forage Box with Running Gear
- JD 237 Mounted Picker
- 300 International with Loader
- John Deere 530 Tractor
- MF 165 Tractor with MF Loader 800 Hrs Like New
- IH Loader
- 10 ft Cultimulcher
- Hesston PT 10 Windrower
- Case 555 Windrower
- Dunham 12 ft. Cultimulcher
- Ford 4-Row Corn Planter
- John Deere 2 Row Planter
- John Deere MT
- Hesston Stakhand 30
- Hesston Stakhand 10
- 990 David Brown
- Selectomatic 990 David Brown
- New Idea Windrower
- 165 M F Diesel

★ **HARVESTERS** ★
- IH 55 Harvester
- Case 300 Harvester

★ 8 Used Spreaders to Pick From! ★

SPECIAL ON NEW 1200 BUSHEL CORN CRIBS

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Bethel, Pa.
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USED FARM EQUIPMENT
1- John Deere No. 45 Combine with 12' grain hea
1- Massey Harris No. 82 Combine with 10' gra
1- Model E Gleaner Combine with 10' grain head
2- John Deere No. 33 Spreaders
2- New Idea Model 206 Spreaders
2- Good Field Sprayers
2- John Deere No. 16A Choppers
1- Case Model 300 Harvester with 1 row corn hea
1- Vacuum Milk Can Hoist

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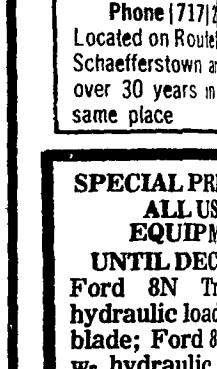

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Ford 8N Tr
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only 2500 hrs.
770 Tractor;
Super 77 Diesel
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hrs.; Farm
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Tractor w-
steering & 3-pt.
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Ford 900 Tract
35 Tractor; M
Tractor; A. C
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corn head; Fa
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281 Manure s
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856 International
4020 John Deere
3020 John Deere
Used Forage Boxes
Call 717-547-8062

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...1530 TRACTOR

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...GUSON: Grain Drill, 245 Tractor
...rs Mod. 1737-1740-1816-1830-1845, 12 ft.
... 1070 w-cab 1370 Tractor (no cab) 1210
...and, 995, 2-990's.

...hopper, Feeder Box, CB600 Harvester,
...ver, Forage Wagons, Round Baler,
...rinder Mixer, 6-8-10 ton running gears.
...rt Spreaders, Spinner Type; spreader,
...& attachs., 2 row mtd. picker
..., 5 & 6 Bottom, Pittsburgh 12 ft. Disc.,
...ltimulcher, 5 & 6 RFT. Rotary Cutters,
...or, McCurdy Gravity Bins.
...w Idea Elec., Massey Ferguson

...CT TRACTORS NEW & USED
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USED EQUIPMENT —

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...214

MISC.
Model 86 4 Btm. Semi-mtd.
Model 33 Case Backhoe 24" bucket, good cond.
Case offset disk harrow
28 ft. Smoker Elevator w-hydraulic lift
J.D. Disc AW
J.D. 894 Rake
J.D. Grain Drill

SKID LOADERS
Case 1737 and 1537

Farm Equipment

For Sale - John Deere 95 combine w-13 ft. Grain head, Model 435, 4-row 40" Corn head, $9,500 or best offer; Moridge Grain Dryer, 400 bu. capacity, 1½ yrs. old; Farmhand Blurr Mill Grinder. Phone: 609-737-2375

Farm Equipment

For Sale - Plexi-Chart cow records. New silage & feed carts. Heavy duty air tires. Melvin L. Petersheim, R1 Box 199, Gordonville, Pa. corner of Scenic & Centerville Roads.

PARTS BY THE THOUSANDS

Cat D-2 thru D-9, 933, 955, 977: INT TD-6 thru TD-25, TD-340; Case 600, 850: AC HD3 thru HD21; Mich 175, 85, 180. Hough, HMD, HF; JD 1010, 440; Oliver, Case.

NEW & USED CHAINS & ROLLERS
TRACKS REBUILT — STEERING CLUTCHES

FOR SALE: Crawler loaders - 955L, 977H, HD6; Dozers - D2, D4, D6, D8, D9, HD11, TD 340; Backhoes - INT 3616, JD 3020, Dynahoe 190; Mich 75, 125, 175.

If not listed, ask for it!
Wanted: Crawlers & Loaders Running or for parts.

ENGINES — GOOD, USED:

Cat, Case, Int. JD, AC, Oliver, Cummins, Waukesha, GM, Detroit Diesel, Murphy.

Ben Lombardo Equipment Co., Inc.
RD6, Sinking Spring, PA 19608
215-678-1999 No Ans. 215-944-7171

★Rental Combines Have Been Returned And Are Available For Sale . . .

★Call About The Purchase of These Machines!

Merry Christmas

FROM:

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CHAPMAN EQUIPMENT CENTER

CHAPMAN, PA 215-398-2553

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NEW IDEA FARM EQUIPMENT

Oliver 2-row 83S Corn Picker
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Gehl Round Baler (1 yr. old)
N.I. 272 cut-ditioner (1 yr. old)
101 IHC. Self-Propelled Combine, 10' Grain Head and 2-row wide corn head.
Oliver 60 Tractor
Oliver 1655 Gas Tractor
A.C. WD 45 Diesel Tractor
A.C. WD 45 Gas Tractor
A.C. 170 Gas Tractor, Real Sharp.

NEW EQUIPMENT
A.C. 5040 Diesel Tractor
A.C. 175 Diesel Tractor
New Idea 272 Cut-ditioners
1-row and 2-row New Idea Corn Pickers and Shellers.

CANYON IMPLEMENTS INC.
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PHONE 717-724-2731

Farm Equipment

ERB & HENRY EQUIP. INC.
New Berlinville, PA
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Phone (215) 367-2169

FARM EQUIPMENT

*PARTS & SERVICE
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*JAMESWAY
*FLICKES SILO
*FMC — SPRAY EQUIP.
*BEAN — SPRAY EQUIP.

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Division of Hesston Corporation

FORAGE HARVESTER SPECIALISTS

FACTORY DIRECT SALES—PARTS SERVICE
North East U.S. Largest Retail Forage Harvester Outlet
"The Best of the West Now in the East"
1977 Sales — 5
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USED FIELD QUEENS AVAILABLE

702 Uni, Diesel powered, 3-row corn head, hay pickup, grain combine, 55 bu. grain tank.
1066 IHC Tractor, Like New
15 ft. Woods bat wing rotary mower.
260 Massey Ferguson Chopper w-windrow and 2-row corn head.
N.H. 1880 new Cat. engine, Hydro, 3-30" corn head, WPU
Fox SPF self-propelled 4-71 Det., 2 heads ex. cond.
(3) (4) Fox Forage Harvesters pull type.
(1) (2) 1972 MAX 1, SP, Dsl., 3-30" Dr. hd., WPU

STOP IN AND SEE OUR NEW UNITS ON DISPLAY

1973 N.H. 1880 Die. Hydro., Cab, 3-30 WPU, Ex. Cond.
Gehl Forage Wagon w-dual wheels, good cond.
(2) (4) 1976 Field Queens; (1) Det. powered Side Dump.

FIELD QUEEN
1190 Enterprise Road
East Petersburg, PA.
Lancaster Co. 17520
Call Frank Walters
717-392-7795
or Res. 717-733-3665

Farm Equipment

USED

Foster

DIESELS
(1) 5 H.P.
(1) 6 H.P.
(1) 7½ H.P.
(1) 10 H.P.
(1) 10 H.P. High Speed
(1) 20 H.P. High Speed

HOOVER DIESEL SERVICE
2998 West Newport Road
Ronks, Pa.
Phone 215-445-6272
Evenings
717-656-6133

Used 710 Uni Combine w-711 Header
Used N.H. Hopper Blower
Used N.I. 270 Cut-ditioner
Used J.D. Grain Drill 13x7
Used Century Sprayers
Used Grain-o-vator series 20 4 wheel cart w-feed blower.
Used 1400 Hesston Manure Spreader (used only 8 mos.)
Used 9 Tooth Glencoe Soil Saver
Used N.I. Model 214 & 217 Spreaders (200 bu.)
Other good used spreaders
New Gehl Blender Box
New Gehl Flail Choppers in stock.

SPECIAL PRICE ON HESSTON 5400 ROUND BALER

New Gehl Model 1500A Round Baler.
New Brillion & Bush Hog Chisel Plows

PALOMINO BALER TWINE
$10.50 per bale
If received & paid by Jan. 10, 1977.

Waiver of Finance on New Hesston and New Idea Hay Equipment til May 1, 1977

HAPPY NEW YEAR

To Everyone - "Thanks" for your valued patronage. We hope you had a good 1976 & wish everyone a Happy & Prosperous 1977.

UMBERGER'S MILL
New Idea, Gehl, Hesston & Brillion Dealers.
RD4, Lebanon
(Fontana)
Phone 717-867-5161

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USED EQUIPMENT
J.D. A Tractor
J.D. B Tractor w-Cultivators
J.D. 4020 Tractor w-Cab
Ford 9N Tractor
A.C. WD
J.D. 1250 6-row 30" Planter
IH Air-Planter, 6-row 30".
J.D. 40 Combine w-Grain Head
IH 430 Baler w-Kicker
J.D. 14T Baler w-Engine
J.D. 24T Baler
Hesston 56 Round Baler
N.H. 469 Mower Condition.
IH 990 Mower Conditioner
J.D. 300 Husker w-3-row narrow row head
16 ft. Stauffer wagon w-running gear
J.D. 115 Chuck Wagon w-running gear
J.D. KBA Disc Harrow, 9'10" w-Transport wheels.
J.D. AW Disk Harrow 9'8"
J.D. 10' & 15' Roller Harrows
J.D. F1450 5B-16" Plow
LF J.D. Lime Distributor
J.D. 1640 Disc 12' 6"
Massey 4-row Cultivator

WENGER IMPLEMENT INC.
The Buck, PA
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WHITE Farm Equipment

USED EQUIPMENT
(2) Oliver 13-7 Grain Drill, #26 high wheel, reconditioned
White 3242 2B 16" 3 pt Plow
Oliver 565 4B 14" Cush Trip Semi mtd Plow
Oliver 565 4B 16" Cush Trip Semi mtd Plow
Oliver 568 5B 16" Hyd Reset Semi-mtd Plow
Ford 204 Disc 10'3"
White 265 Disc 13'3", 11" spacings w/levelers

NEW EQUIPMENT
White 2-50 Diesel Tractor
White 2-70 Diesel Tractor
White 252 Disc Harrow 10'4"
White 252 Disc Harrow 12'8"
White 253 Disc Harrow 13'7"
White 263 Disc Harrow 12'2"
White 283 Sp Harrow 12'6"
White 543 Corn Planter 4R
White 5400 Corn Planter 4R
Bush Hog 1432 Disc 10'3"
Bush Hog 1438 Disc 13'10"
Bush Hog 1439 Disc 12'2"
Bush Hog 8 3 pt Chisel Plow
Brillion 7' 3 pt Chisel Plow
Brillion 9' 3 pt Chisel Plow
Brillion 10' 3 pt Chisel Plow
Brillion 16' Transport Harrow

USED TRACTORS
Oliver 66 Gas
Oliver 550 Gas Utility, PS
Oliver 880 Gas 3 pt hitch
Oliver 1250 Gas Utility Sauder D2 Loader
Oliver 1550 Gas WF PS
Oliver 1755 Diesel w/2-row Mtd N I Corn Picker
Oliver 1850 Diesel WF, PS

Holiday Hours.
We will be closed Sat Jan. 1.

FARMERSVILLE EQUIPMENT, INC.
RD2, Ephrata, Pa.
717-354-4271
Store Hours
Daily 7 30 5 30
Sat 7 30 3 00

Ford Tractor 3000 Diesel
Ford Tractor 4000 Diesel
Ford Tractor, 5000 Gas
Ford Tractor 6600 Diesel, 90 hrs.
John Deere Tractor 4020
JD Model 60 & Model A
Rotor Scythe 10 ft.
Ford Corn Picker, mounted 1-row
Cub w-Woods mower, model 59
Cub Lo-Boy w-60" mower
Ford Blower Model 618
Used utility trailer - 6, 9, 15 ton
New General Trailer - 6, 9, 18 ton
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Ford Tractor Loader Backhoe w-Cab Model 4500
Ford Tractor Loader Model 3400
Case Compact, Model 1816
Farmhand Corn Burr
New and used Lawn Tractors

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1760 East Canal Road, Dover, Pa. 17315
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JOHN DEERE *Nothing runs like a Deere*

USED FARM EQUIPMENT
J.D. 4430 Tractor
J.D. 3020 Tractor
Farmall Super C w-cultivators
J.D. 38 & 35 Forage Harvester
Case 675 SP Windrower
J.D. 1209 Mower Conditioner
Souders Loader
Int. 711 Rotary chopper
N.H. 460 Haybine
(2) J.D. 216 Forage Wagon
24 ft. flat goose-neck trailer w-racks.
1973 Int. Truck, Stake body w-racks in good condition
400 Gal. Dari-Kool Bulk Tank
Used Vacuum Suppliers

NEW FARM EQUIPMENT
J.D. 2440 Tractor
J.D. 500 Baler
J.D. 336 Baler
J.D. 1209 mower conditioner
N.H. 512, 518, & S676 Spreaders
N.H. 477 & 479 Haybines
N.H. 850 Baler
N.H. 354 & 357 Grinder Mixer
N.H. 770 Harvester
Richardton High Dump Wagon
N.H. 770 Harvester
Richardton High Dump Wagon
Ag-Tex Low volume orchard & field sprayers
Perry Orchard Mowers
New Elevators
Glencoe Soil Savers

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VAC-A-WAY SEED CLEANERS
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8" 55 ft. long PTO Drive
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Complete line of FEED BINS & AUGERS
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PLOWS: Oliver 12, 14, and 16" 2 bot. plows.
DISCS: J.D. KBA, [1] 20, [1] 24, [1] 28; IHC [1] 20, [1] 24.
GRAIN DRILLS: 13 x 7" disc, [3] Oliver Superior, [1] Ontario, J.D. FB-B 15x7 hyd. lift [1] Case 16x7 mch. lift.
MOWERS: Horse drawn IHC No. 9, 7 ft. w-wide wheels, trailer drawn [1] A.C. and [1] IHC and New Idea w-PTO out rear.
HAY EQUIP.: 1 Smoker 24 ft. elevator; N.H. PTO 68 & Super 68 balers, sharp; [2] Myers comb. mower crushers, N.H. 404 Crusher; [1] IHC 5 bar rollerbar rake [2] Brillion cultipacker seeders 8'; NH 55 Roller Bar Rake.
SILO FILLERS: Papec 16" & 19" finger feed; Papec 19". IHC No. 9 & No. 7 David Bradley.
ENGINES: Wisc. 1 cyl. w-clutch red., 2 cyl. THD w-clutch red., 2 cyl. THD w-baler mounts, 4 cyl. VE4, VF4, VP4, VG4, [1] IHC power unit w-clutch red. 35 to 40 H.P., [1] A.C. Power Unit w-clutch reduction. [4] A.C. reduction gears.
FERTILIZER DRILLS: All 10 ft. widths. IHC with seeder boxes; 1 Ezzy-Flo; 1 New Idea; 1 Ontario, large capacity; 1 Whirly Bird fertilizer seeder on wheels.
Jamesway & Louden Litter carriers w-track & accessories.

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IH 1466 w-cab
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IH 1256
IH 856
IH 706 (German diesel)
IH 444 w-loader
IH 560 gas & diesel
IH 340
JD 4620 4-wheel drive
JD 4320
JD 4020 w-cab
JD 3020 diesel
JD 3020 gas
JD 2020 D
JD 530
JD 720 Gas
M-F 135 w-loader
M-F 180
M-F 165
Ford 5,000 gas, like new
Oliver 2050 D
AC D19 w-3 pt.
AC CA w-plow & cultivator

COMBINES
IH 715 (real nice)
IH 205 w-10 ft. head
Gleaner K
JD 45 Square Back
M-F 72
M-F 205

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700-4500-200
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424-504-460 &
1955-1850-18
880-550 & 7
G1000 & 445
3006-4006-5
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Tractors, F
Tractors w
and Back
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4020 Diesel, Sq. Range Shift, WFE, Side Controls	$11,500
Massey 85 gas	$2250
MF 30, new motor	$1200
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JD 2010 w/ripper	$3500
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Cat. 933G	$7800
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AC HD 5	$3000
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[3] Int TD 9 diesels	$2950 ea.
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Self propelled Wilshire Broom	$850

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6 to 9 tons from

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NEW 12" BELT FOR BELT FEEDERS - $1.75 PER FT.

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[2] M-F 265 diesels, 8 speed
[1] M-F 255 diesel, 8 speed
[1] M-F 235 gas, 8 speed
[1] M-F 510 combine-cab with air, 43 cornhead
USED EQUIPMENT
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[1] M-F 135 gas, 8 speed
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Also, early order twine, 10,000 feet, clover brand - $11.00

20% discount on M-F plow parts in stock

Anti-freeze - $3.85 gallon

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Free financing until March 1, 1977

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Field Drags and Land Rollers with built-in transporters from 18 to 30' on order. Call for appointment to see and place your order for spring delivery. Our production is limited. Also Combination Harrow Rollers and Farm Trailers. Hugo Welding Shop, Box 38, Bowers, Pa. 19511 Phone 215-682-2781

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Case 1570 Tractor 180 h.p. canopy
Case 1370 w-cab air, heat
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Case 1070 Cab, Air, Heat

NOTICE
Consignment Sale Mon. Feb. 7
Call Us Now!
We Will Advertise Any Equipment You Have For Sale

Buy Your Loader Tractor Now & Save
Case 990 Diesel with heavy duty loader operated by front mounted pump. Complete unit - List $11,050.00
Selling Price $8,900.00

Case 1816 Uni-loader w-flotation tires, large bucket.
Gehl skid loader, T-Bar controls in stock
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DAILY 7 TO 5:30 FRI. TIL 9 SAT. TIL 4

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Disc Harrows, Chisel Plows, and Plows . . . IN STOCK!

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Farmall Super H
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Farmall B275 D w/loader
M F. 65D
M F Pony with Rotary Mower
AC Model C Tractor w. Plow & Cult
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Sickle Bar Mower for JD A or B
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Allis Chalmers 9' Haybine
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(4) 1000 Ford Diesel, 22 H.P.
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(3) 3000 Diesel, 8 speed, Live P.T.O., 40 h.p., P.S.
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(2) 6600 Diesel All-Purpose, 70 H.P.
(2) 6600 Row Crop, 1 with cab, 70 H.P.
(3) 7600, 2 with cabs, 84 H.P.
(2) 8600, 1 with cab, dual power, 110 H.P.
(2) 9600, 1 with cab, 135 H.P.

New Equipment In Stock
(2) 2 row planters
(3) 3 bot. plows
(2) 4 bot. plows
(1) 5 bot. plow
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(2) 9' mower-conditioner
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Bin	Bu. Capacity	Cost
15-7	2987	$1220
18-7	4363	$1489
21-7	6062	$1790
24-7	7981	$2133
27-7	10242	$2508
30-7	12819	$3083
33-7	15723	$3556
36-7	18963	$4143
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48-7	35497	$7144

Prices Good Until March 15, 1977
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All Grain Equipment Available
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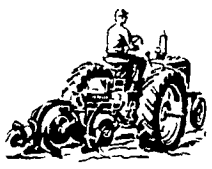

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(6) Rotary Mowers, (1) 6' 3 pt. hitch, (2) 5' 3 pt. hitch, (3) 5' 3 pt. 3 spindle
New 2-Bottom 12" Plow
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Good Roads snow blower with Ford Industrial engine for front end loader
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J.D. No 10 Lime Spreader
(3) Sickle Bar Mowers for Satoh Tractors.

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20 Boxes of 16" Shears
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Plow Bottoms
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$10,000. worth of new Fox Parts including Knives, Belts, etc.
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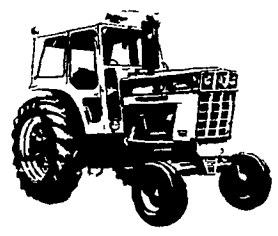

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Coming Next Week . . .
N.I. 706 Uni w-717 Combine, Ford Diesel Engine

M.F. 300 Quick-Tach Combine
IHC 403 Combine, the latest model
John Deere 3020 Diesel, Side Console
BRAND NEW A.C. 185 Diesel $11,200.
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IH Hydro 100 with cab & Air, 650 Hrs
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Farmall 706 with 1066 Engine
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IH 1466 with cab and air
Fox 2100 chopper with 2 heads, $3000
Farmall 756 Diesel
Farmall 766 w-year round cab
IH 1256 $9,250.00
Case 930, Standard Tread, w-cab
(2) Used 1066's w-Cab, Air, (1) hydro (1) TA
656 Farmall Gas
727 Husker for Uni
(1)~~(2)~~ Nice N.I. 323 1-row picker $2275.00
3 row 30" for Gleaner F, several 2-rows for Gleaner, K, 3 and 4 row heads for Uni.
Farmall 544 Gas
Farmall 544 Utility Diesel, Hydro.
Farmall 656 Diesel Hydro
IHC 303 Combine w-Cab and 2 heads, real clean, 1 Left
Int 615 Combine w-Cab and 2 heads, real clean, 1 Left.
(3)~~(4)~~ Gleaner Combines w-corn heads, Models, E, All, K
Several Shellers for N.I. pull or mtd. Pickers
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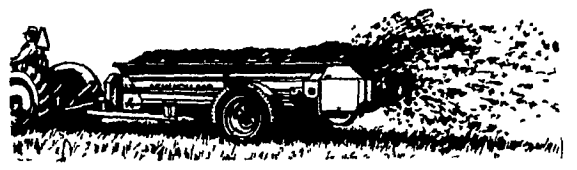

(2) New Idea 125 bushel 3 beater
(2) New Idea 140 bushel single beater
(2) New Idea 145 bushel 3 beater
New Idea 165 bushel single beater
New IDea 165 bushel flail
(3) New Idea 205 bushel single beater
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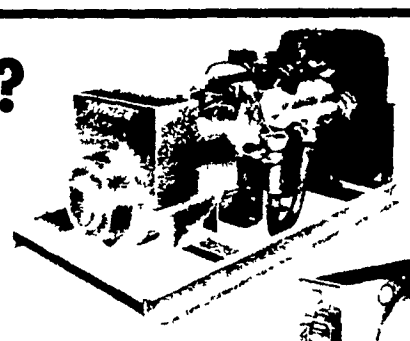

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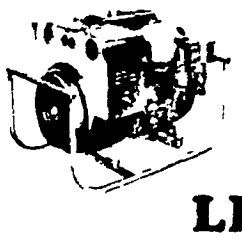
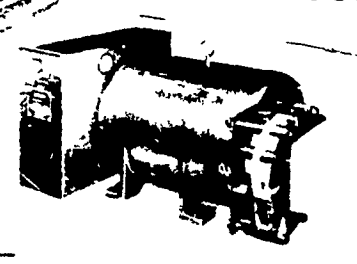


OVER 60 UNITS ON STOCK.



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HAPPY NEW YEAR

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9500 Diesel, 97 H P
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Custom hauling: hay, straw and corn. Ronald Weyer, R. D. No. 2, Hamburg, Pa. Phone 215-562-3152.

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Custom combining, hauling, and round baling corn baler. Ph: 215-869-3068.

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Livestock and Custom Hauling - Hay, Straw & corn. Also for sale - J.D. 1010 with manure loader. 60 Ford Cattle truck with 26' bed. PH: 626-6904

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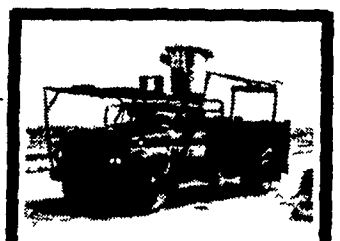

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For Sale - AKC Doberman Pinscher pups, black & rust, bred for quality, size & temperament. Will be ready for Christmas. PH: 717-582-2352

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Puppies, 7 to 9 weeks old, in litter lots. Pure breeds and half breeds. Cash money paid. Will pickup every Wednesday. For resale in my pet shop. Write to Charles Hackett, 3743 N. 5th Street, Philadelphia, PA 19140 or call before 8 p.m. Mon., Tues., & Thurs. only. 215-229-0449. Give breed-age-color when writing. Also some kind of direction. Thank you.

Miscellaneous

Married person, dependable & experienced with dairy cattle & field equipment. Modern dairy facilities & machinery. Good pay, 6 day week, house & heat provided. PH: 215-258-0788 between 7 & 9 P.M.

Miscellaneous

Herdsman for registered Holsteins in Maryland. Will offer opportunity for ambitious man with references to develop ownership in herd. Free stalls, double eight parlor, new three-bedroom house. Joseph Smith 301-928-3655

Person wanted for house work, Leola Area, part time or full time, minimum 2 days a week. Call for interview, 717-656-2677.

Wanted - Hard working and energetic sales representative for wholesale and retail Ag Sprayer Sales. Farm background required. Must be interested in perm. position and have desire to succeed. Salary and Comm. Call 717-687-6712 for appt.

Working farm manager for 600 acre farm near West Chester, Pennsylvania. Raise beef cattle and crops. Stone house and generous fringe benefits. Must be knowledgeable and aggressive and able to get along with people. Reply giving age, experience, references and expected salary. Send response to P.O. Box 266M, c-o Lancaster Farming Newspaper, Lititz, Pa. 17543

Miscellaneous

Experienced help needed on dairy farm. Reference needed. House and good wages. Glen Rock area. Phone 717-235-2730

Sales Manager for State of Penna. Self starter. Highly motivated, dependable. Opportunity to earn $15,000 to $20,000 a year. Agricultural background. Write P.O. Box 266U, c-o Lancaster Farming, Lititz, Pa. 17543

Dependable person to work on modern dairy farm in Oley Valley. Must have some experience with machinery and cattle. Good wages and home provided. PH: 215-689-5496

Seeking good reliable man willing to take on some responsibilities for work on modern dairy farm. Good wages, nice house and other benefits. Situated in the beautiful countryside of Gettysburg. Ph: 717-334-8553.

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A.C. C with mower - rough	$600
A.C. D10 - Fair - WF	$1500
A.C. WD - Fair	$650
A.C. 1600 industrial w/mower - very good - WF	$3900
[2] AC D15's w/loaders & tampers - good - WF	$2900 each
A.C. D17 - good - WF	$2000
A.C. D21 - 1969 - new tires - excellent - WF - 3 pt.	$9000
Case 600 - Rough	$800
Case 800 standard - Fair - WF	$1800
Case 800 - Rough	$900
Case 530 Industrial w/cab - Fair - WF	$900
Case 830 CK - good - WF	$4500
Case 930 CK - excellent - WF	$6500
[2] Case 1030 CK - excellent - WF	$7500
Farmall AV w/cult. - good - WF	$1750
Farmall H w/ldr. - Rough	$625
Farmall H - good	$975
Farmall Cub w/rotary mower	$2675
Farmall C-WF-FH-Fair	$850
[2] Farmall M - rough	$750 each
Farmall M - 390 Ford V8	$1800
Farmall M - Fair	$1000
Farmall MTA - Fair	$1600
INT WD9 - Fair - WF	$1600
Farmall 240 - Fair	$800
Farmall 300 - good	$1450
[2] Farmall 504 Hi-Clear - Rough - WF	$900 each
[2] Farmall 400 - Rough	$1250 each
Farmall 560D - rough	$2000
Farmall 560D - good	$3800
INT 660D - fair - WF	$2000
INT 660 LP - fair - WF	$2250
INT 706D - fair - WF	$2775
INT 1206D - excellent - WF	$8500
[2] Ford 9N - poor - WF	$750 each
[2] Ford 8N - poor - WF	$875 each
Ford NAA - good - WF	$1900
Fordson Major - fair	$1250
Ford 800 - fair - WF	$1500
Ford 900 - fair	$1600
Ford 4200 - good	$5000
Ford 5000 - good - WF	$5000
Ford 5000 - good - SOLD	$5500
Ford 5200 - fair - WF	$5800
J.D. 70 - fair	$1000
J.D. 720 - good	$3000
J.D. 1010 w/loader - fair - WF	$3000
JD 2520 - good - WF	$7000
M.H. 44 - fair - WF	$1000
Ferg. 20 - rough - WF	$775
M.H. 444 - poor	$1000
M.F. Super 90 w/cab - fair - WF	$3500
MF 1080 - 1971 - excellent - WF	$8500
[2] Oliver 77 - poor	$775 each
Oliver 770 - rough	$950
Oliver 1650 - fair	$4900
Oliver 1655 - good - WF	$8250
Leyland 384 - good - WF	$3900
Long 360 - new - list $6004	special $5400
Long 360 demo. list $5766	special $4150
Long 360 - new - list $6121	special $4900
Long 460 - new - list $6467	special $5800
Long 460 - new - list $6600	special $5300
Long 445 - 4WD - demo. list $7597	special $5900
Long 560 - new - list $7905	special $5900
Long 1100 - new - list $12,569	special $10,450
Long 445 - 4WD - used - fair	$3900
MM Jet Star 3 - fair - WF	$2900
[2] Long 460 - 4WD - new - list	special

NI UNI SYSTEM

- NI 3 x 30 chopper head
- NI 3 x 40 cornheads
- [3] NI 3 x 30 cornheads
- [2] NI 4 x 30 cornheads
- [2] NI uni pickup heads
- [2] NI 2 x 40 cornheads [old style]
- [2] NI 2 x 40 stripper heads
- [2] NI 2 x 40 harvester heads
- NI 710 combine & grain head

COMBINES

- A C Gleaner EIII w/cab
- Mc 403 w/cab
- Mc 205 w/cab
- Mc 203 w/cab
- Mc 82 pull type
- Mc 93 w/cab
- MF 300 w/cab
- MF 410 w/cab

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"BLOWERS"

- [2] N H Hopper
- J D Hopper
- Kools Recutter
- [2] Grain Blowers

"CRUSHERS"

- [2] JD
- NH 404
- Cunningham

COMING IN - JUST BOUGHT

- [90] Dunham 6 ton wagon gears
- [45] Dunham 8 ton wagon gears
- [2] Dunham loaders
- [2] J D 43 PTO cornshellers
- INT 227 cornhead
- INT 228 cornhead
- JD 10 cornhead
- J D. 45 combine
- INT 303 combine
- INT 315 combine
- [2] NH 350 feed mill
- NH 352 feed mill
- AC 330 cornhead
- NH 717 pickup attachment
- J D. 16A flail chopper
- INT 4 section rotary hoe
- J D. 3 x 16" 3 pt plow
- JD KBA 28 wheel disc
- NH 56 rake
- Mc 2x pull cornplanter
- 3 pt. bale fork
- [5] INT 234 cornsheller units
- J D. 227-237 cornsheller unit
- Mc 411 FH plow
- Mc 311 FH 16" plow
- NI 17 spreader
- [3] INT 37 wheel disc
- JD BW wheel disc
- JD 5 x 16 plow
- Farmall Super A Outfit
- [2] INT 4 row cultivators
- IH tractor cab
- Meyers feed mill
- Dakon chisel plow
- NH 717 harvester
- AC C440 cornhead for CII
- [2] JD 4 x 3 pt. plow
- Case tractor cab
- INT 470 wheel disc
- J.D 30 combine
- INT 1X pull plow
- [2] NI 2X mid. grinder attach
- AC 190XT w/cab
- AC 220 w/cab
- Case 2470 w/cab
- J D. 730 diesel
- [5] New Kuker sprayers
- [2] Long 360 tractors
- Long 900 tractor - SOLD
- [2] Long 63" rotovators
- [2] Long 560 4WD tractors
- [2] Long 460 4WD tractors
- Long 560 tractor
- NI 3 x 40 cornhead
- [6] Servis stone rakes
- Athens 7 tooth 3 pt. chisel plow
- Athens 10 tooth 3 pt. chisel plow
- Ontario 18' wheel harrow w/wings
- Ontario 12' wheel harrow w/wings
- MF 180

CORNHEADS

- AC EIII 240
- AC F 4 x 30
- AC C630
- AC FL330
- AC GL440
- AC C430
- AC C440
- AC A240
- [4] AC E240
- [3] JD 234
- [2] JD 205
- JD 334
- [2] JD 210
- [2] JD 313
- JD 435
- JD 10
- JD 443
- JD 643
- [6] INT 227
- [2] INT 327
- INT 733
- [2] INT 10' Grain Heads
- MF 43
- MF 33
- MF 621
- [2] MF 422
- MF 300 Grain Head
- MF Quick Tach Grain Head
- [2] MF 24
- [3] MF 222
- MF 22
- MF 20
- Case 3 x 30
- Oliver 2 x 40

"FORKLIFTS"

Case 580D - 21'	$6750
Clark Pneumatic	$1750
White Pneumatic	$3900
Int. 340	$4500
[3] set forklift forks	$100 & up

"LOADERS"

Cat 933F	$8750
A.C HD6 w/ripper	$3750
A.C. HD6	$3400
A.C. 655	$3850

"DOZERS"

Int. TD15	$4500
J.D 350	$5850
J. D. 350 B w/ROPS & Winch	$7500
J. D. 450 w/Winch	$7500

"BACKHOES"

J.D 93 Backhoe attach.	$2500
Int 3400 TLB w/ROPS	$6500
AC 615 TLB	$4850
Long 5 in/ TLB w/crane	$7500
New Long 1199A 3 pt. backhoe	$3000

"RUBBER TIRED LOADERS"

Owattona 1700		$4500
Owattona 1700		$3750
Case 1740		$6000
Case 1740		$4500
Ford 340		$3500
Super Clean Units	Hough 50C w/cab	$12,900
	Cat 922 w/cab	$10,900
	Michigan 175II w/cab	$10,900

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NEW DUNHAM 6 & 8 TON WAGON

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6 ton (90 Only)	8 ton (45
list 417.00	list 4
less 25 percent 104.25	less 25 percent 1
312.75	3
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YOUR COST $327.75	$3

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Int. S7C

"TRUCKS"

- 1966 Mack C600 10 wheel dump
- 1964 Mack B61 10 wheel dump
- 1969 Int. 1800 10 wheel dump
- [3] 1968 Chevy C60 6 wheel dump $240
- Clark Utility Pickup
- Ford Cattle Truck
- 1974 Chevy Pickup-loaded

"TRAILERS"

- New Hudson 2X
- [2] New Hudson 2X
- New Hudson 3X
- [2] New Hudson 3X
- New 2 Horse Trlr.
- 1971 40' flat
- Motorcycle Trlr.

"MISC. EQUIPMENT"

- New Long Box Scraper
- Huber M500 Maintainer
- Industrial 4 wheel carts
- New 4 post rollbar
- 3KW generator
- [2] Wayne S.P. Sweepers $9
- [40] Loader & Backhoe Buckets $
- Leaf Vacuum
- Schramm Air Compressor
- [2] Front Sweeper Attach.
- [Double Drum] Sheepsfoot Roller
- Rubber Tired Loader
- 8' Stone Rake [New]
- 3 pt. Pulverizer
- NH 269 Bale Thrower
- Gravity Bins
- Corn Cribs
- 3 Pt. Scraper Blades
- [2] Evinrude Snowmobiles
- MF 1130 Cab
- J.D. Cab
- Int. Cab
- Heston 30 Mover
- Heston 10 Stacker
- Tool Bar [3 pt.]
- [2] 1 pt. FH Platform
- Wood Splitter
- Recapped Truck Tires
- [2] 3 pt. boom pole
- Golf Cart
- Irrigation System
- NI 7' Cut ditioner
- IMCO Post Hole Digger
- J.D. Rake
- J D 4 sec. Rotary Hoe [on Wheels]
- Sidewinder Rotovator
- [2] Long 73" Rotovator
- Brillion Packer Seeder
- Cub Snow Plow
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- [2] Sprayers [Pull Type-PTO]
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X 4" Steel Tubing Frame
Completely Rewired With Quick Clips Front and Rear and
n Fuse Block
Wires Are Concealed Within Frame of Cab
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319 12 Roll Mtd.
305 12 Roll Mtd.
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311 Pull Sheller
NI 324 12 Roll Pull
[3] Int. 234 12 Roll Mtd.
[2] JD 237 Mtd.

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1200
NI 2X Pull Shellers
NI 2X Mtd. Shellers
[5] NI 2X Mtd. Grinders
Int. 234 Sheller
J.D. 227-237 Sheller

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Flow Fert Spreader
Lime Drill
Lime Drill
3 Pt Fert. Spreader

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Farmec 30'
Farmec 40'
N.H. 40'
Cardinal Augers - All Sizes

OADERS"

JD 46A
Souders
J D 45

"HARROWS"

[2] Brillion 16' Wing on Wheels
Brillion 12' Wheel
[3] Drag Harrow

"GARDEN TRACTORS"

JD 210
Int 55
Int 123
A C B210
MF 10
J D 57
Roto-Tillers

"CULTIPACKERS-MULCHERS"

[2] Dunham Packers
J D Mulcher
[2] Dunham Mulcher
[2] Brillion Mulcher
PCM Chattanoga Mulcher

"PLOWS"

[2] AC B 1X
AC 2X SC
JD 1X For M-MT
[2] JD 2X Pull
JD 3X 3 Pt.
[2] JD 3X Pull
J.D. 4X Pull
JD 4X Reset
JD 4X Semi
JD 5X Semi
Oliver 2X Pull
Oliver 5X Reset
Oliver 5X Semi
Oliver 6X Semi
White 8X Reset
Int. 1X Cub
[3] Int. 1X "A"
Int. 1X "C"
[2] Int. 2X Pull
[2] Int. 3X Pull
Int. 4X Pull
Case 5X Pull
Ford 2X 3 Pt.

"CHISEL PLOWS"

Athens 10' Pull
Athens 7' Pull
Int. 12' Pull
Int. Vibrashank
Lely RH250 Roterra
[2] Danish 9 Tooth 3 Pt.
Danish 7 Tooth 3 Pt.
1 Tooth 3 Pt. Subsoiler
J.D. 1 Tooth Subsoiler

"WAGONS"

16' Feeder Rack
[4] 6 Ton Yetter Wagon Gear
Lamco 14' Selfunloading
J.D. 214 Self Unloading
[2] 16' Flatbed Wagons
[2] Lamco 16' Self unloading
J.D. 216 Self unloading
Kasten Self unloading
22' Flatbed Wagon
Gehl Feed Wagon
Schwartz Feed-Mixer Wagon

"CULTIVATORS"

[2] Ford 2X 3 Pt.
Ford 1X 3 Pt.
JD 4X 3 Pt.
J.D. H Cult.
Int. 4X 3 Pt. Rolling Cult.
[2] Int. Cub
Int. 4X 3 Pt.
[2] Int. 2X Front Mount
Lilliston 4X 3 Pt. Rolling Cult
A.C. 2X 3 Pt.
Oliver 4X 3 Pt.
Oliver 2X 3 Pt.
A.C B Cult.

"CORNPLANTERS"

J.D. 495A
J.D. 494A
J.D. 246 3 Pt.
J.D. 290 Pull

"HARVESTERS"

[7] Int. 15-16-350 Cutterbar
Int. 350 w/1 Row Corn
Int. 50 w/2 Row Corn
Int. 55 w/2 Row WN Corn
Int. 15 w/1 Row Corn
Int. 50-55-550 Cutterbar
[3] Int. 15-16-350 Pickup
[3] Int. 50-55-550 Pickup
NH 717 w/1 Row Corn
NH 717 Pickup
NH 717 Cutterbar
[3] NH 616 w/1 Row Corn
[4] NH 616 Cutterbar
[2] NH 616 Pickup
[3] NH 616 1 Row Cornhead
[2] NH 818 Pickup
NH 717 2X 30 Cornhead
Fox 2X 30 Cornhead
Gehl Cutterbar
[2] Gehl Pickup
Gehl 2X 30 Cornhead
Gehl w/2X 40 Cornhead
Fox w/2X 40 Cornhead
Fox 4X 20 Cornhead
Fox Pickup
AC 782 w/2X 40 Cornhead
[2] AC 780-782 Pickup
Ford w/1 Row Cornhead
[2] JD 34-38 Pickup
J D. 2X 30 Cornhead
J.D. 3X 30 Cornhead

"DISCS"

Int. 1 Pt. FH
[3] Cub Discs
Int W Offset
Int. 3 Pt.
[5] J.D. KBA W Disc
[3] JD KBA Pull
[2] JD BW Disc [1 w/Wings]
J D. 110 Disc
[2] J.D. Offset W Disc
[4] Long W Disc
Long 3 Pt. Disc
Long Offset W Disc
1 MCO 3 Pt. Disc
MM W Disc

"MOWERS"

[2] J.D. 3 Pt. Sickle
[3] Int. Mtd. Sickle
A.C. B Sickle
[2] Cub Sickle
Bush Hog Rotary For A.C. G
[3] 5' 3 Pt. Rotary
[3] 6' 3 Pt. Rotary
5' Pull Rotary
6' Pull Rotary
Ford 3 Pt. Flail
J.D. 3 Pt. Flail
J.D. 707 - 14' Rotary
Bush Hog 20' Rotary

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Hinson Cabs & Wind Breakers
Amco Disc Harrows
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Koker Sprayers
Danuser Equipment
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Electric Wheel Wagons
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Martin's Gravity Bins
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General Post Hole Diggers
Simms Cabs
All Season Cabs
Green Post Hole Diggers
Arts-Way Feed Mills
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Person experienced in installing complete grain systems including servicing of dryers, excellent gross possibility for right person. Salaried, profit sharing and usual benefits. Located in Eastern Pennsylvania. Send response to P. O. Box 266T c-o Lancaster Farming Newspaper, Lititz, Pa. 17543

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SEX LINK	LEGHORN
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NO Order too SMALL
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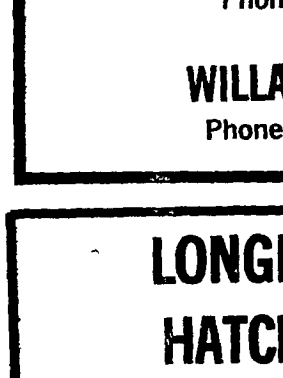

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For Sale - dry and green lumber-poplar, oak, walnut, basswood. Also, custom sawing of your logs at our mill. Phone 717-865-3822.
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Custom made storm windows and doors, aluminum windows and doors for milk house and dairy barns. Ceramic tile (seconds) for cow stable troughs
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2 h.p. compact Gilson tiller
Regular price -$194.95
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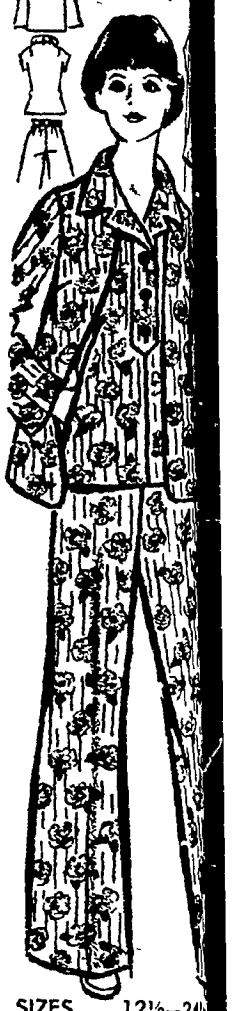

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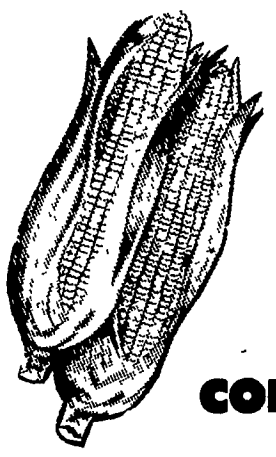

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Livestock For Sale

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For Sale - 24 bred Holstein heifers due in June & July. PH: 215-273-3546

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Curryville, Pa.

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1976 D-100, Auto, PS
1975 Datsun Pickup, 27,000, special paint & Cap, like new, step bumper and air.
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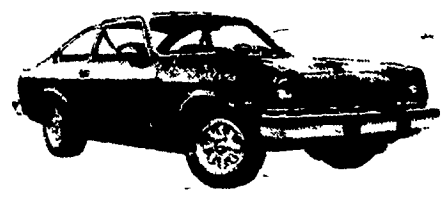

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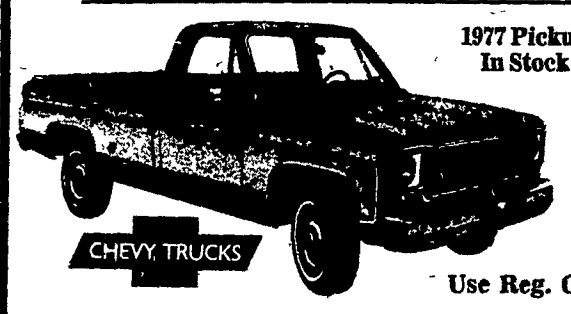

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Use Reg. Gas!

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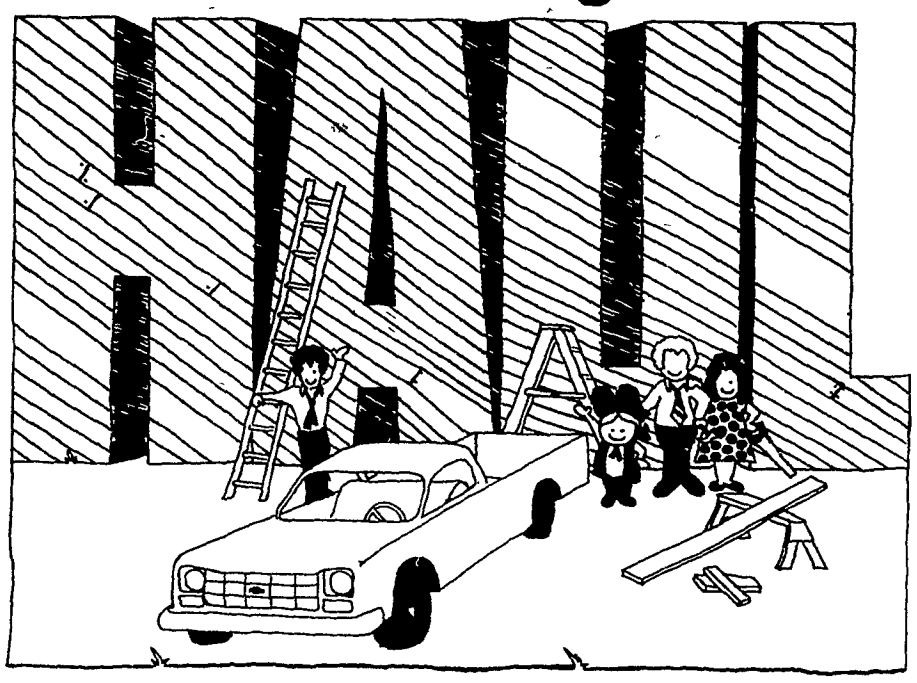

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Chevrolet
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208 acre modern hog farm farrow to finish, 4,000 hea annually. Harold Fries, P.O Box 149, Bedford, Pa. 1552 814-623-9223.

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120 acres
36 stall cow
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x 52 silos with
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frame house
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3764

an 1840 Stone
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Nestled in
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717-754-7142 or
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Pa. 17922

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c-o Lancaster
ititz, Penna.

Marticville - 2
wly remodeled
tove fireplace,
carpet - 2 car
717-284-2558.

Real Estate

For Sale - 150 acre dairy farm, 3 silos, 12,000 bu. bin and dryer, milking parlor, 2-11 room houses, house trailer, free stalls, manure pit. 717-369-3304.

For Sale - 10 acres of Beautiful mountain land in Lebanon County $12,900.
SUBURBAN REALTY
717-273-9358

Wanted - Farm land to rent, will pay what your land is worth. Write P.O. Box 266W, c-o Lancaster Farming, Lititz, Pa. 17543

FOR SALE — 81 acre steer feeding farm, Brecknock Township, Berks County. Large 10-room stone home with 2 full baths plus 2 powder rooms. Wall to wall carpeting throughout house. Newly remodeled. 3-room guest house w-fireplace. Large bank barn 40'x100', feed lot macadamed and fenced. A-frame office building 24'x30'. 72 acres of cropland, 9 acres of pasture with stream and pond. For more information call - 717-393-3921 - Lancaster Production Credit Association, 411 West Roseville Road, Lancaster, Pa. 17604

Real Estate

WANTED
150 TO 200 ACRE DAIRY FARM

Limestone or good soil. Possession wanted before 1st of April. Have down payment.

M. KARL HARBAUGH
R2 Waynesboro, PA
17268

248 Acre Beef & Poultry Farm

120 Acre crop land, 73,000 layers. Facilities for 140 steers. 30 miles from Allentown, eastern Schuylkill County.
PH: 717-386-5246 or
Write P.O. Box 266P
c-o Lancaster Farming,
Lititz, PA 17543

GETTYSBURG
170 Acres for Beef or horses. Asking $900 per acre.
CHAMBERSBURG
285 Acres Excellent land, 2 sets of buildings. $475,000.
FULTON COUNTY
98 Acre Dairy Farm. Excellent buildings. $135,000.
DAUPHIN COUNTY
180 Acres. Excellent land. Fair buildings. $175,000.
VAN CLEVE
REAL ESTATE
New Oxford, PA
PH: 717-624-8201
Anytime.

Real Estate

FOR SALE

Choice S.E. Minnesota Farms our Speciality, 80 to 500 Acres. Members of Minnesota Listing Exchange.

For information contact

1 Stop
REALTY, INC.
Kasson,
Minnesota 55944
Tele (507) 634-4651

MINNESOTA FARM NEAR IOWA BORDER - 290 ACRES

Set up for dairy or beef stock plus hogs - newer ranch style home, large dairy barn, farrowing house, cattle sheds, two silos with unloaders and automatic feed bunks on concrete lots. 171 acres tillable, highly fertile soil, produces high yields of corn, beans and tons of alfalfa.

Contract terms and early possession.

Call for appointment now.
Kenneth E. Hart
Ph: 319-277-2396
MASON REALTY, INC.
Ph: 319-234-4127
629 West Fifth
Street
Waterloo, Iowa

Real Estate

Very pleasant brick farm house, 3 bedroom, bath & heat. Mount Joy area. About April 1. Write P.O. Box 266X, Lancaster Farming, Lititz, Pa. 17543

Real Estate

For Sale: 140 acres mountain land - good hunting (deer, bear & turkey) joined by acres of state forest land - $400 per acre. Ph: 717-444-3682

CENTRAL PA. FARMS

Huntingdon County - Nice 277 acre Dairy farm with 240 acres tillable 33 acres pasture, & 4 acres woodland. Featured is a 2 story frame house, with aluminum siding, 2 story frame barn with 50 stanchions, milk house with bulk tank, & water heater, large concrete block garage & shop with cement floor, all in good condition & several miscellaneous buildings The majority of this farm lays quite nicely Located 20 miles from State College Priced at $275,000 with owner financing available.

Blair County - Nice 200 Acre Farm & Nursery business with a very good 2 story Colonial Stone house, 2 story frame barn, heated workshop-garage, & greenhouse, containing 94 acres of tillable limestone soil, 76 acres pasture & 30 acres woods A large amount of nursery stock & farm & nursery equipment are included in this sale. This property also features secluded river frontage, several caves & an excellent water supply Priced at $330,000.

Montour County - Very productive 300 Acre grain farm, 285 Acres tillable. Very nice laying Limestone soil. Excellent house, 2 barns, complete grain drying facilities with dryer, storage bin & grain leg, 2 good springs, small stream, good road frontage, low taxes Located near Limestoneville in excellent farming area. A picturesque farm, reasonably priced

Huntingdon County - Good General, Beef, or Hog Farm, 160 Acres, 100 Acre Tillable, 30 Acres Pasture & 30 Woodland. Large double house, barn with liquid manure pit & cemented floor (fixed for finishing 200 hogs), 2 trench silos (cemented), excellent spring water, pond & productive soil Only 40 minutes from Raystown Dam, the farm has good frontage & very low taxes. Equipment available & it adjoins state game lands Priced at $128,000. Owner financing with only 20 percent down

Clinton County - 151 acre farm suitable for dairy, or livestock operation 110 acres tillable, good 6 bedroom house, large bank barn, good condition, spring water $125,000 with terms

Lycoming County - 460 A Dairy Farm. Approximately 185 acres tillable Level bottom ground, excellent productivity, 30 A Pasture, 245 A woodland w-gd timber Excellent 2 story house with aluminum siding, barn w-free stall barn attachment (90 free stalls), 20x60 Harvestore Silo w-provision for bunk feeder. 2 streams & owner financing available. Priced at $250,000 Available this fall or next spring Owner financing at 7 percent

CENTRAL PA. LAND, CABINS

Ideal for Weekend Relaxation
Many properties have terms available

Centre County

1 Acre - top of Centre Hall Mountain Well built cabin - $10 000
3.38 Acres - wooded lot in Corl Acres subdivision in Ferguson Twp , approximately 4 miles from State College - $20,000
189 Acres - wooded, adjoining State ground - privacy - could be split - $72,765
10 29 Acres - wooded, new barn, nice location - $44,000
68 Acres - wooded, good hunting area-$30,600
218 9 Acres - wooded ground, stream, good hunting - Priced at $350 an acre
100 Acres - wooded - two springs, excellent cabin - excellent hunting
39 Acres - wooded - frontage on Penn's Creek - $17,000
100 Acres - pond, orchard and woodland - excellent hunting and fishing - $75,000
35 Acres - two acres clear - balance wooded - some nursery stock - $21,000
50 acres at $250 an acre, 50 acres at $330 an acre, (with year round spring), light timber good bird hunting, electricity available

ARE YOU PLANNING TO SELL YOUR FARM?

Kissinger Leonard & Heim can offer you:
*A full-time farm sales staff specializing in farm sales
*Extensive advertising & promotion of your farm
*Over 35 years of actual farming experience (2 salesmen are presently involved in farming operations)
*5 years of Agricultural Lending experience with both FmHA & Farm Credit
*Advice on the best way to sell your farm to maximize your net returns

We Invite Your Inquiry -
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FARMS
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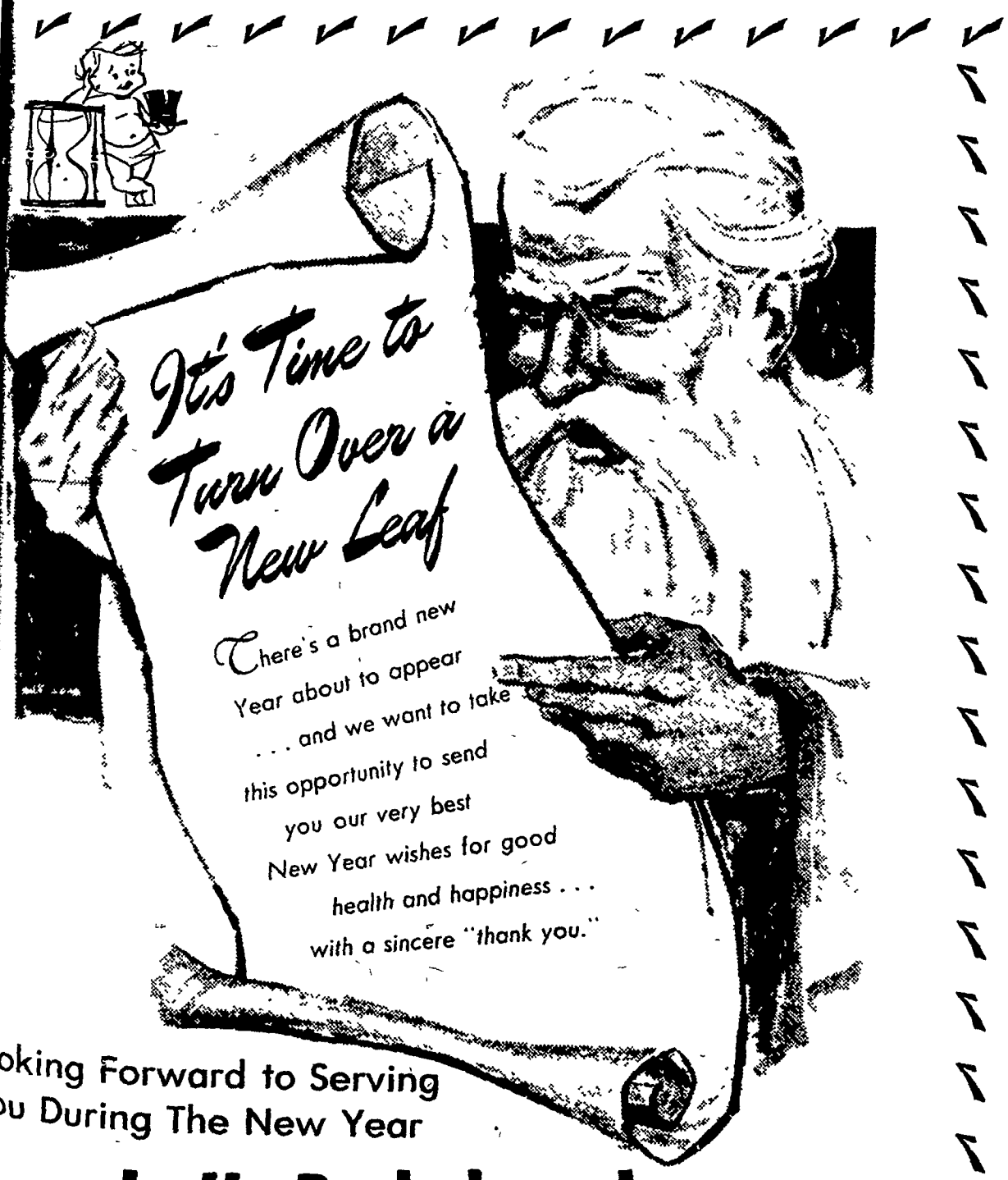

It's Time to Turn Over a New Leaf
There's a brand new Year about to appear . . . and we want to take this opportunity to send you our very best New Year wishes for good health and happiness . . . with a sincere "thank you."

ooking Forward to Serving
ou During The New Year

L. H. Brubaker, Inc.
350 Strasburg Pike Lancaster, Pa.

Real Estate

Real Estate

UPSTATE NEW YORK

BEAUTIFUL FINGER LAKES AREA

240 acres, 27 acres vineyard, large barn, free stalls, 20x60 silo, 2- 4200 bushel bins, insulated barn 24x36, 40x60 new pole barn, 24x28 older barn, 36x60 extra barn, 3 miles of tile, lima soil, 20 room home with 2½ baths, modern kitchen, fireplace.

500 acres, of good land, 2 houses, large main barn with 30 farrowing stalls, holding pens, new 50 stall farrowing house, 600 head finishing house, large new farm shop, extra barn.

158 level acres, 30 stanchion barn, silo, 9 room modernized home with fireplace. $100,000.00.

50 acres, barn, outbuildings, very good 10 room home with fireplace.

Garage, grocery and motel complex with nice home, room for expansion, $160,000.00.

J. R. ALLEN REALTOR
Dundee, N. Y. 14837
607-292-3180

---

4 - 5 ACRE FARM
with barn, tobacco shed and hog stable. A nice 4 bedroom home with electric, new sewer system ready for hookup and never failing spring. Also, 32 additional acres can be purchased.

119 ACRE DAIRY FARM
80 tillable acres, adjoining 50 acres for lease. Dairy facilities for 80 cows. Borders Mahanganta Creek. 4 bedroom home in nice condition. Excellent buy!

330 ACRE DAIRY FARM
236 tillable, 2 good homes, 2 barns, 5 Harvestores, 90 free stalls, pipeline milkers for 37 cows, bulk tank, very productive, north of Harrisburg.

LIST YOUR FARM WITH US!
We have a professional farm agent and with ERA we now have national exposure.

ERA MEMBER BROKER

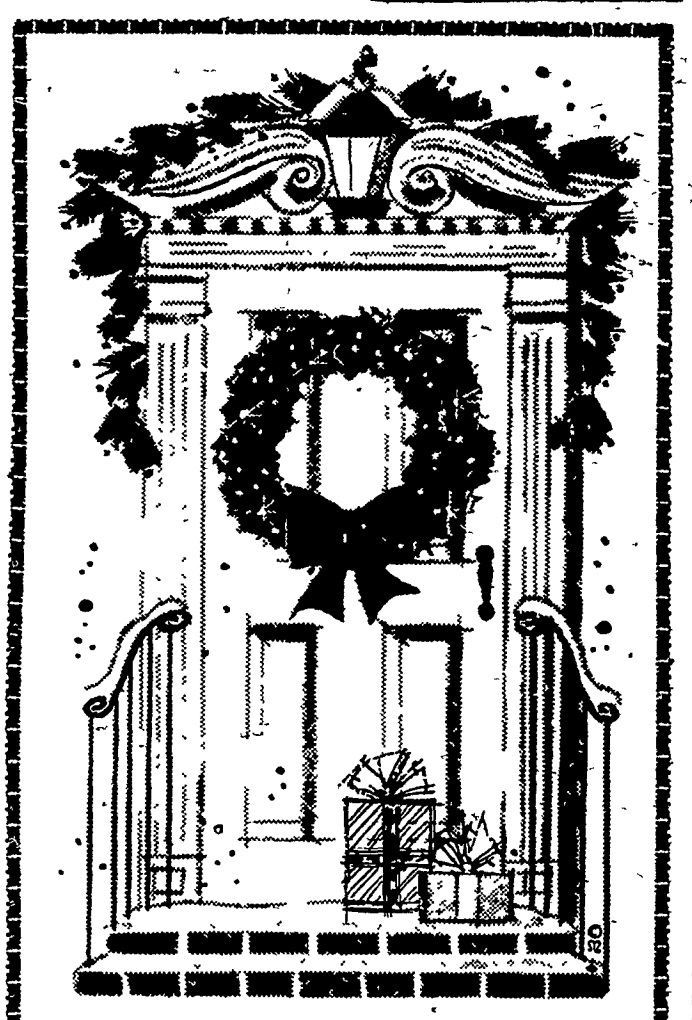
SLAUGH AND ASSOCIATES
Realtors/Insurors 733-6556

Associate Jesse D. Ziegler (717) 838-1257
Associate Dana K. Brosemer (717) 859-2775

Real Estate

98-½ acre farm, limestone soil, 8 room brick home, frame and brick barn, strong spring on property. Marion Township, Berks County. To be sold on public sale, Saturday, January 22, 1977 at 1 PM. For information call:
HORNING FARM AGENCY
215-286-5183

FOR SALE BY OWNER
133 acre farm - 95 acres tillable, very fertile; 5 bedroom house, barns, silo, equipment shed, Oak forest, 2 ponds - $1800 per acre firm. 5 miles from Norman Wood Bridge (York County).
Owner will finance for the right party.
Call Lancaster 717-394-6334 for inspection.



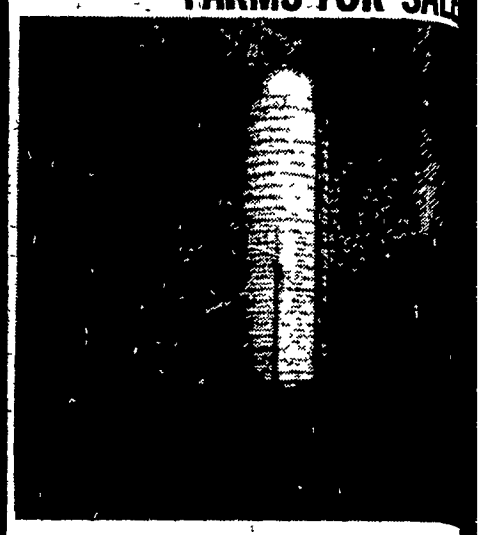
SEASON'S GREETINGS

Because happy homes are our business, we cheerfully extend happy holiday wishes to everyone at your house. Thanks for everything.

PAUL M. LONGACRE
Rt. 100
Hereford, PA 18056
Ph: 215-679-5919

Real Estate

FARMS FOR SALE



Beef Operation in Somerset County, 153 x 90, 30 x 72 and 12 x 44 loose housing area unloaders, conveyors and a 100' bunk fe machine shed, a 4 bedroom and bath ho nice Mobile home all for only $120,000

Columbia County, 362 acres, 300 ve tillable acres, a 40 x 210 barn, 40 x 90 ha loose housing, 24 x 80 machine shed and room and bath home. A spring, a s beautiful pond. $295,000.

A Beautiful Dairy farm in Somerset cou and 2 sets of buildings. A 50 x 216 dairy with unloaders, pipeline and barn cle machine sheds and a lovely 4 bedroom Second set of buildings has a 45 x 60 loose and a nice 3 bedroom house. $225,000.

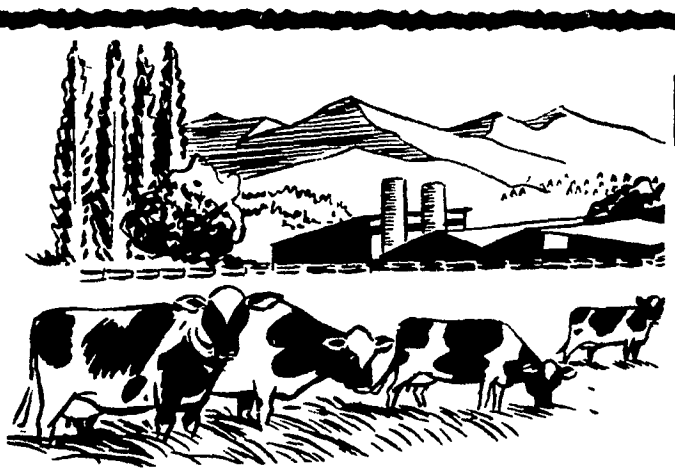
Beautiful setting, 192 acres with lake Somerset county, a beautiful 10 room home, a 44 x 94 barn and a 40 x 54 barn. at 140,000.

205 acres with a 40 x 90 barn, machine garage and a very nice 4 bedroom hom miles of road frontage. $150,000.

Snyder county, 104 acres, 2 Harvestore stalls and a 13 room farm home. $250,0

Somerset county, 236 acres, 33 dairy stalls, housing, pipeline, barn cleaner, bulk tank rooms and bath home. $130,000.

KINGSWAY REAL
REALTORS
139 E [illegible] Street [illegible]
Phone 299-0791



PENNA. DAIRY FARMS

PENN-GRANT REALTY, INC.

397-4231

Excellent Equipped Dairy Farms and a few General Farms — Owner Financing.

FARMS AVAILABLE IN
LANCASTER CO.
CUMBERLAND CO. TI
DAUPHIN CO. BRADF
FRANKLIN CO. POT

NORTHUMBERLAND CO. DAIRY FARM

103 acres of good producing, relatively level land, nearly all tillable. Miles of hard road frontage. A good 2½ story, 4 bedroom, farm house with modern kitchen. Free stalls for 65 head and room for expansion. 2 bunk-automatic feeders - 2 large concrete silos - 1, 20' x 70' sealed concrete with hydrolic bottom unloader. A handy small family sized operation. Check this one - Asking $185,000.

MIFFLIN CO. - LEWISTOWN AREA

150 acres total and 130 acres tillable. Excellent dairy farm - barn with 38 comfort stalls - pipeline milker - 600 gal. bulk tank. 2 concrete stave silos (one 20' x 70' - only 2 yrs. old) with unloaders. 2 story farm house with aluminum siding and modern facilities. Hard road frontage. A good producing family farm. Asking $200,000. Present an offer

A GENTLEMANS FARM - SNYDER CO.

A large brick farm house all modern and well kept. 20 acres of producti bordering a creek and along a main road, just out of town a short di There is a large bank barn built of beautiful stone and of historic value. T excellent property for the family to grow up on, or the horse lover an farm operator.
Call to see this one at $90,000.

YORK CO. - GENTLEMANS ESTATE

East of York - 68 acres of gentle rolling farm land. 17 acres planted in producing vineyards. A large bank, stable barn, kennels, 3 ponds a inground swimming pool. The house is a beautiful restored stone ho cluding 12 rooms, redone and remodeled in excellent taste. 2-car Carpo full improved basement. Call to get details.

CALL US FOR YOUR FARM NEEDS

PAUL REITZ
717-393-5975

OR

RAYMOND H. DENLINGER
717-464-4663

CALL EARLY MORNING OR LATE EVENING. OUT OF TOWN CALL COLLECT.

NEW YEAR'S SPECIALS

A Good timber, barn 36x177' w-20'x55' Annex, 50 stalls, 6 unit pipeline milker, new Jamesway tube ventilating nk feeder, 2 bulk tanks, 24x70 Madison Silo w-Big Jim ew 50x112' steel storage shed, nice 7 room home with es 170 Reg holsteins & farm equipment This is a overlooking large lake.

00 til Balance pasture. Beef barn, 140' long, 10 room dings in good condition, 2 streams
80 til Barn 36x106' w-36x84' Annex 60 stalls, 5 unit bulk tank, 20x30 Harvestore, 2 other silos 40x80' steel om immaculate farm house, plus modern 1½ story tenant tocked ponds, large lawn, old shade Must be seen to be d This is a dandy.
rge barn, modern brick home
ung above, good set of buildings Owner says sell.
Level Limestone Lancaster County showplace Excellent shown by appointment only.

Thank You For Making 1976 A
Very Good Year &
Wishing All A Very Happy & Prosperous New Year

BLUE BALL REALTY
D. Martin Zimmerman, Realtor
Loren L. Zimmerman, Realtor Associate
Nelson Martin, Realtor Associate
Blue Ball, PA
PH: 717-354-4536

FRANKLIN CO. PA

166 acre limestone farm, 100 tillable, nice stream through pasture. Large barn, remodeled stone home, spring house and other outbuildings. All buildings good condition.

150 acre dairy farm w-milking parlor, 134 free stalls, 4 silos, 2 homes. Call immediately for more particulars.

107 acre limestone farm, land lays nice, borders stream. Bank barn, 20 ft. x 100 ft. hog buildings, stone home.

KOONS REAL ESTATE
Box 153
Shady Grove, PA 17256
Ph: 717-597-8300

Sunbury - 123 Acres Beef & Hog Farm. Hog feeder barn for 250 hogs w-bins, silos 14x40, grain dryer, (2) 3,500 capacity bins, 40 stanchions, loafing barn, real nice 12 room house, farm pond, only $135,000.
80 Acre General with Mobile Home Park. Montour Co.
152 Acre General $139,000. Clinton Co.
Nittany Valley - 146 Acre General Farm, Limestone and Hagerstown soil $135,000. Open for offers. Clinton Co.
Penns Valley - Centre Hall 158 Acre Dairy Farm, 20x60 silo, limestone soil, Centre Co.
73 Acres, Mountain stream, trout pond $78,000. Clinton Co.
56 Acre General $60,000. Northumberland Co.
80 Acres, no buildings, $80,000. Columbia Co.

CALL
WITWER REAL ESTATE
Ephrata, Pa. 717-733-4138

Real Estate

224 A. 60 tie stalls, 16 box stalls, 3 silos, 2 nice homes - reduced.

13 A. ho[illegible]n, nice home [SOLD] Lancaster [illegible]ity - $50,000.

221 A. general farm, good buildings.

325 A. modern dairy, 3 silos, 74 stalls - will finance.

157 A. 112 stalls, excellent buildings, dairy store and bakery.

275 A. modern dairy, excellent buildings showplace - owner financing.

1-½ A. 9 stall horse barn, nice home, Lancaster County.

130 A. general, 2 sets of good buildings.

BLUE BALL REALTY
BLUE BALL, PA 17506
717-354-4536

Real Estate

TEXAS PANHANDLE - THE NEW FARMING FRONTIER. Dalhart, Texas. Long growing season, mild winters, fertile soil. Buy for around $750 per acre. Taxes around 50 cents-per-acre. Grow record-class corn yields and graze livestock on wheat in winter. Call collect for free brochure and listings. Mike Justice & Associates, Land Agents, (806) 249-5613, (806) 249-4000

Mail Box Market

For Sale - 1 pair 18.4x34 tires, used 1 pair 20.8x34 on 9 hole wheels, cut for tractor pulling. 717-862-3536

For Sale - Dayton No. 15 Meat slicer needs some repairs $50.00. Moses K. Blank, Gap RD1, Pa. at Millwood Church.

For Sale - JD KCA Transport disc. Cuts 7½ to 8'. Very good condition. PH: 301-877-7064

For Sale - Potato Bulk Tank with 14' 205 c.w.t., Haines body, auxiliary transmission, good engine, new clutch. PH: 717-274-0585

For Sale - 1 Used Clay Stable cleaner with new 5 h.p. motor & 1 used 400 gal. DeLaval Bulk milk tank. 717-264-4320

-AMISH-

DIESEL MAINTENANCE MEETING

WEDNESDAY, JANUARY 5, 1977

7 - 9 P.M. REFRESHMENTS

Call Dick Bomberger
US — COULD BE WE HAVE IT

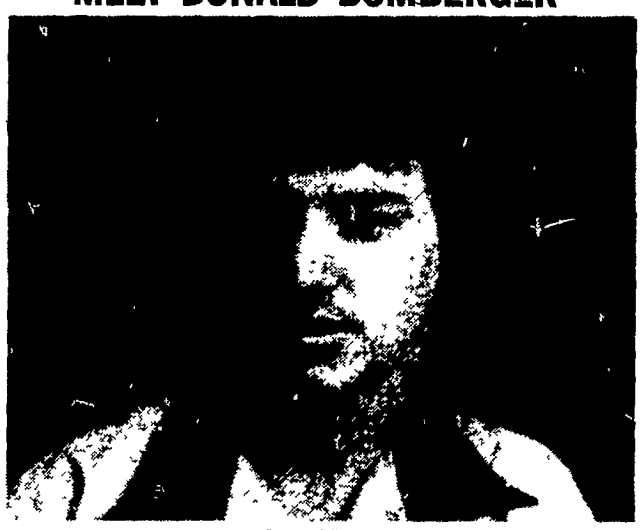
ork in Complete
OMFORT

INTERNATIONAL
Windbreaker®
Tractor Heater

USED WEAVERLINE CART
GOOD CONDITION

$995 WITH CHARGER

MEET DONALD BOMBERGER



PARTSMAN

USED TRACTORS

F 1066D tractor	F 666 D hydro
Super A w/cultivators	Massey 1130 w/duals
F 1206 D	Deere - 60 G
F 560 D	F "C" w-Cult.
741 Ford	I 350 D w/loader
F 504 Gas	4166 D - 500 hours
F554 G Gear	F 1566 D
F 1466 D	

USED TILLAGE

Kewanee Disk - 20 ft.	IH-540 Plow - 4F - 16"-Semi
IH-470 Disk - 13'10"	Glencoe Soil Saver - 9 Tooth
IH 48 Disk - 18'	450 Auto. Plow - 3F
IH-531 Plow - 3F-mtd	IH-700 Auto Plow - 5F - 16"

USED EQUIPMENT

Deere 1240 planter, 4-row	IH 455 planter, 4 row w/fertilizer
IH 58 planter, 6 row	IH 400 cyclo, 6 row, loaded
Ontario grain drill, 16 x 7	MF #43 grain drill
IH #10 drill, 16 x 7 comb.	Deere 449 planter, 4 row w/fertilizer

GIRTON Dairy Equipment
24-Hour Service
- Contact Gratz M. Sult at
C. B. Hoober & Son, Phone 768-8231
After 5:00 P.M. Phone 768-8555

Happy New Year

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE
C. B. HOOBER & SON INC.
INTERCOURSE, PENNA. (717) 768-8231 AUTHORIZED UPS STATION

Mail Box Market

For Sale - 1974 Pontiac, low mileage, like new, full power. Phone 717-273-6018

For Sale - Round Hay rack and silage feeders, $150 delivered within 25 miles. Amos S. Stoltzfus, Box 515, Bird-in-Hand, Pa. Beechdale Road.

For Sale - Elevation grandson of ex. Kingpin - Dam 83 on 1st calssification. 750 pounds of fat as two years, 1000 pounds of fat as three years. Ph: 301-957-1399

For Sale - Majestic cook stove, like new. Ph: 215-593-5754 anytime.

For Sale - 15 registered Holstein heifers, good size and will be fresh soon. Ph: 717-397-9906.

Needed - 100 to 200 cases of eggs per week from producers. Long term. We pick up. Winfield Farms, Box 104, New Windsor, Maryland 21776.

For Sale - Bred Dorset ewes, ram and ram lambs. Choice of flock $75.00 - All $65.00. Ph: 215-384-5067.

Wanted - used disc blades, 16" to 18" for 1" shaft. Also wanted - 13.6 x 28 tires. Ph: 717-786-3243.

For Rent - 4 room apartment near Lititz, married couple, no pets. Available immediately, references. Ph: 717-626-7451 between 7 PM & 9 PM.

For Sale - Electric hot air furnace; Pomeranian pups. Ph: 717-354-7452.

For Sale - JD 1020D tractor; also 4 x 16 semi-reset Case plow, like new. Amos Weaver 717-733-0575.

For Sale - 1972 Columbian track master snowmobile, 400 cc's. Phone 717-548-2462.

Wanted - Papec silage cutter, McCormick ground driven corn binder (perfect condition) JD KBA disc, McCormick No. 9 mower, 7 ft. Levi A. Lapp, Route No. 2, Quarryville, Pa.

Wanted - Hydraulic cylinder 5 or 6 in. diam. and 12" to 18" stroke. Phone 609-965-1285

For Sale - Corn fodder baled dry. 717-345-4109

For Sale - (1) John Deere 45 combine cab corn grain platform, 1966 grain truck, ear corn. RD No. 2, Dillsburg, Pa. Craig Crain, 717-432-3389

For Sale - 1948 Chev. truck, gross wt. 14,000 lbs. 11 ft. bed. Willard Zehner. RD No. 3, Tamaqua, Pa. 18252, 717-386-5565

Wanted - New or used cab to fit AC 200 or 190XT Series III. 717-437-2811

For Sale - (1) 5 H. P. walk behind tiller, ½ H.P. gasoline engine, both for $60. 717-637-9068

For Sale - 1974 Massey Ferguson 175 Diesel, 1300 hours, dual remotes, front and rear weights, 15.5, 38 tires, excellent $6200.00. 1974 Massey Ferguson No. 12 baler with thrower, like new $1500.00. 1-203-735-1492

For Sale - 2 acres of corn to be picked about six or seven tons $35.00 per ton. 717-529-2157

For Sale - New Holland 273 baler with long tongue and heavy duty PTO and wagon hitch, baled approximately 2400 bales 3½ years old, like new condition. 717-286-0903

Mail Box Market

For Sale - Hay, Alfalfa & Orchard Grass mixed. Both 1st & 2nd cutting. Any amount. PH: Bernville 215-488-1965

For Sale - 6 can 5 door milk cooler. McCormick Deering side delivery rack for parts. John David Zimmerman, R2 Ephrata, Pa. at East Metzlers Rd.

For Sale - Horse barn interior; we are tearing a horse barn out, all elaborate stalls, interior. etc. for sale. Call & come see. Make offer. 215-484-4849

For Sale - New corrugated galvanized steel roofing sheets, 12 foot long 5.-each. Call 609-259-2802

Wanted - Model 40 Oliver self propelled combine for parts. Paul F. Yerger, Auburn, Pa. 17922

Wanted to buy - Small grain drill with bank seeder attachment. Also, for sale, family heifer. 4 year old Holstein, gentle, good milker due in January. Call 1-301-885-5870.

For Sale - '71 Husquvarna 360cc Enduro motorcycle. New tires. Rebored and new piston. Needs minor engine work. Make offer. PH: 1-215-756-6842

For Sale - International 706 gas, T.A. Also New Idea 7 ft. mower. Phone 717-788-3092

For Sale - Antique barn boards, hand hewn beams, rafters, 6 qt. pressure pan used once $10, 2 bowling balls. $5 ea. doll crib $6. Chain saw $40 1-717-548-2665

For Sale - 2 table model cream separators, 200 - 400 No., 2 h.p.-3 phase elec. motor. Larry Groff, R1 Roaring Branch, Pa. 17765 717-324-5925

For Sale - Purebred Chester White Boars, 6 mo. old. PH: 717-665-4153

For Sale - NH Hay Crusher, Oliver Raydex trailer plow, NI 10' fertilizer drill, Case stalk shredder, 106 Waird walking plow, cultipacker, JD flail chopper, & 9' spring harrow. PH: 717-786-3618

Wanted - Used milk tank, 600-1000 gal. size. Call 717-949-3134.

For Sale - 1 Oil Pouch $25, 1 roll of lawn wire $15, Kerosene heater $7.50. PH: 717-665-2126

For Sale - 550 Case mower conditioner in good condition. Lebanon 717-272-0685

Wanted - Hauling for grain truck with dump. Will haul hay, straw, grain & so on. Rates determined by loads. Call 215-562-7776

Wanted - Used plastic greenhouse frame, approx. 24'x30'. Write Kevin Conover, 1445 S. Pleasant Valley Rd., Westminster, Md. 21157

For Sale - 1963 Ford T-Bird Ideal for Restoration, make offer. 301-848-5236

For Sale - 3 Surge milkers 6 straps 4 electric pulsators, 13 stall cocks for same. Esco dumping station with glass line and new motor. Also SP22 vacuum pump, will sell together or separate. Call 717-456-5484

Wanted - 16" reversing draw-bar connected plow for Farmall A or two way 16" plows for a Farmall Super A. J. Birch, P.O. 1403, Wall N.J. 07719

Mail Box Market

Wanted to Buy - MM power takeoff corn sheller. Robert L. Spahr, Box 236, RD1, Newville, Pa. 17241, 717-486-5457

For Sale - Oliver 1600 tractor with new engine and new power steering, transmission and rear end good. Tires and paint good. Price $4800. 717-436-8628

Save Fertilizer Dollars by using poultry manure. Delivered for $15.00 per ton. Peat Moss and Mushroom soil delivered for $65.00 per dump trailer load. 717-733-0052

Trade - 18.4 x 34 Farmall 656 wheels for 38" set. After 7 P.M. call 215-766-7212

Wanted to Lease - Small farm with home and barn or out buildings. Pasture suitable for dairy goats. Must be within 20 mile radius of Pottstown. 215-935-2587

For Sale - Horse Sleigh in excellent condition. 717-597-8300

Photographer - National advertising, weddings, brochure. Newswanger's Studio, 1028 Penn Grant Road, Lancaster. Phone 464-2221 or 394-4219

For Sale - Registered Shropshire Sheep. Rams, lambs, and ewes. Large flock from which to choose. Warn Menhennett. Cochranville, Phone 215-593-5726.

For Sale - Cast iron boiler, 120,000 BTU's with thermostat, circulator and 110 ft. or 4" fins. Levi L. Beiler, RD3, Box 101-A, Quarryville, Pa. 17566.

For Sale - Mushroom compost, organic mulch, fertilizer, dump truck load, delivered Lancaster County, 12 cubic yards $60. Berks County Mushroom Co. 215-445-5164

For Sale - Baby Chinchillas with cages. Grey $40 Beige $50. 717-284-2127

For Lease - Productive 334 acre dairy farm. Suitable for 60 cows. Harvestore - other silos. Excellent barns (607) 849-5545 evenings weekends.

For Sale - Used gas refrigerators. Call 717-393-6530

HOOF TRIMMING - by a professional. Have tools will travel. Write Pete Hubbell, R3, Malone, N.Y. 12953

Landrace and Duroc Boars and Gilts. Pure or Crossbred on order Harold Mummert. 717-741-2170

Interested in saving fuel and get more H.P. and less friction. Use Colkin products in gas and fuel, diesel, and furnace oil. Eli B. Stoltzfus, R1, Strasburg, Pa. 17579 May Post Office Road

Wanted - Currier & Ives and other good prints. Please send price and condition to P.S. Shannon, Box 502, Schoharie, N.Y. 12157

For Sale - Plow shares and parts; 1 to 8 horse trees and neck yokes. Also wooden Tongues. Daniel S. Glick, Windy Tor Road, ¾ mile Northeast of Bards Crossing.

Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm R2, Strasburg, Pa. 717-786-2562.

Duroc Boars for Sale from Tested & Show winning bloodlines. Dutch Valley Farm, R5, Manheim, Pa. Mark Nestleroth, PH: 717-665-6220

Mail Box Market

For Sale - 600 bales barley straw 65.00 per ton; 10 large bales Oats straw make offer; 2-300 gal. bulk tanks with working agitator $100. and 50.00; 6 can front open can cooler 25.00. 215-562-4945.

For Sale - New Idea rake and tedder on steel. Good condition. 717-356-7667

January Sale - Save 2.00 on woolen blankets through Jan. West Earl Woolen Mill and Yarn Store, RD No. 2, Ephrata, Pa. 17522, 1 mile West of Brownstown just off Rt. 772.

For Sale - New Kelly 10 tooth chisel plow $1495.; 2 Pride of Farm cast iron hog feeders $95.; Surge late model milk transfer system complete $395. 717-483-6656

For Sale - 1954 Chev. ¾ ton truck 6 cyl. 4 sp. stake body with cattle racks. Good condition $300. or best offer. 717-733-3283

For Sale - One brand new 52 gallon water heater Revere glass lined $75. never used; Also 8 Fames Way yoke cow stanchions real good shape. 5 Araucanes young roosters $5.00 pair to eat or stock, beautiful colors, mother lays green shelled eggs. 717-742-9037 Call evenings after 6.

For Sale - 300 gal. Jamesway milk tank compressor- 3 Surge seamless milker units- Double Stainless sink- 3 unit vacuum pump $700. Call 315-462-3164

For Sale - Childrens swing set with sliding board. Heavy duty legs, needs paint $25.00. 717-548-2272

Wanted - A.C. Gleaner FKS, 4 row W- 13' hume, Lely spreader Model HR or 1250 or 2000L. Must be in excellent condition. 717-864-3563 evenings.

For Sale - Moridge Grain Dryer, 400 bushel capacity, 2 years old, excellent condition, best offer, will trade. 609-737-3873

For Sale - Pommeranian and Poodle mix puppies, 6 wks. old and cute. Also standardbred driving horse for carriage or buggy. Lots of speed, traffic safe and sound. Jacob M. Stoltzfus, Mt. Pleasant Road, south west of Georgetown, Quarryville RD No. 3, Pa.

For Sale - Silo Fillers, 22 and 28 in. Frick threshers, belting, etc. Amos L. Ebersol, RD No. 2, Narvon, Pa. 17555

Upstate Penna. - Large round baled hay - Timothy mixed - $30.00 a ton - Buyer hauls. Evenings 717-656-9647

For Sale - 3 bot. 14" plow; J.D. A, J.D. No. 5 mower, Hay, Straw, snow plow for Ford or Ferguson Tractor. 215-262-2659

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For Sale - 1 yr. old Elevation son from a 2 yr. old Apollo Rocket dam with 21,000 milk. Ben Beiler 215-932-2607

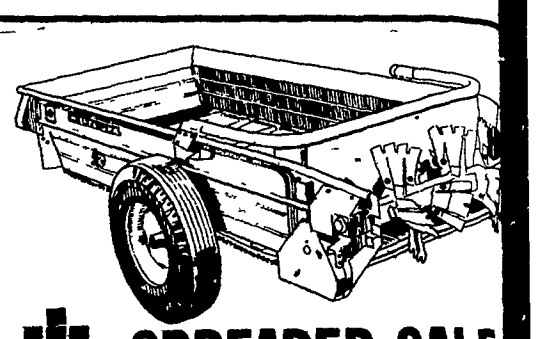
Wanted - Disc, pull type, 7' or 8' width, good to excel. cond. 215-779-4950

For Sale - Case 3 pt. plow with 3-14" trip back bottoms. 717-345-4109

For Sale - Reg. Hamp. Rams (yrlgs.) 7' Myers snow plow with MTG frame; cyl. and hosed fits Ford-Case-Pickups $300. 814-643-3601

Mail Box Market

For Sale - 6 mo. old bull. Sire Round Oak Rag Apple Elevation. Dam a Kingpin daughter with records over 22,000M. Call Good Plus 83. Kreider tobacco baling box. PH: 215-273-3585



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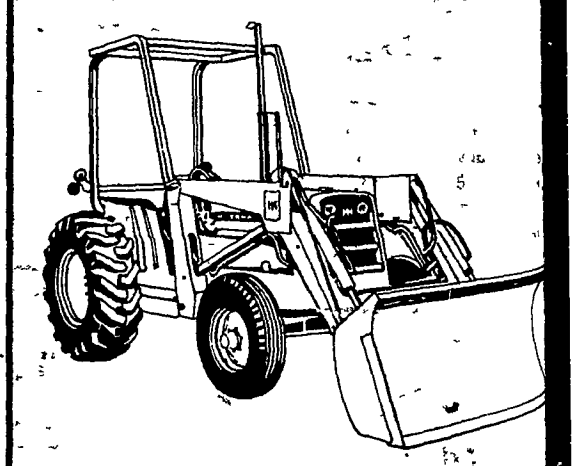

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63 F 500 Ford w/refrigerated van, excel for hauling produce
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TD6 PTO Loader, mechanically excellent
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For Sale - Certified red clover seed, pre-innoculated - $45.50 a bushel. Harry M. Reiff, 101 Glenbrook Road, Leola, Pa. Ph: 717-656-9548.

For Sale - '63 Chevy Dump Truck; 310-G Case Crawler Loader, recently overhauled; Lowboy trailer; '68 Ford T-tag truck, wrecked. Ph: 717-933-4616

For Sale - 10 feeder pigs, about 40 pounds; Chihuahua pups; purebred Chihuahua stud service. Ph: 717-354-0293.

For Sale - V plow; 4 row A-C planter, 3 point; 3 bottom A-C plow, snap coupler; 4 row mtd. cultivator for A-C; Tandem axle, flatbed trailer; A-C D17 diesel. Ph: 717-529-2375.

For Sale - JD 3010D, roll-a-matic front, good condition-$4,250. Phone 609-299-0901.

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For Sale - IH 350 wheel carrier disc with 32 blades, Brillion 10 ft. cultipacker and 10 ft. cultimultimulcher, 2 LPS feeders. Ph: 717-334-8553.

For Sale - Keeshond mixed puppies. Samuel F. Lapp, North Maple Road, Leola, Pennsylvania

For Sale - Sauder Bros. snow plow in good condition-$150. Phone 717-548-2760.

For Sale - 24 horse Johnson snowmobile with new track - $325. Phone 717-687-7845.

For Sale - 1 registered Angus bull, 3-½ years old; 1 Angus bull, 1 year old. Phone 717-235-4703.

For Sale - Red & white Holstein cow, just fresh, good producer, A Performer Daughter. David L. Stoltzfus, R. D. No. 2, Narvon, Pa.

For Sale - Registered spotted boars - raised in groups on concrete. Phone 717-872-7560. Windom Spot Farm, Donerville Road, Lancaster, Pa.

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For Sale - Black Columbian Range, good condition $400. Also deluxe Black & Decker Skill Saw $50. PH: Isaac Cope Jr. 215-445-5524

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Good home for young German Shepherd male dog. PH: 717-665-2296

For Sale - MF Super 92 Combine, 12' cut, well taken care of. Good shape. Call 215-267-2352

For Sale - Warm Morning Gas Space heater. 50,000 B.T.U. Make offer. Call 717-733-6717

For Sale - 1956 Ford Dump Truck, with metal body - new motor - good rubber, in good mechanical condition. $700. Wanted - three row egg collecting units. 717-626-6805

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For Sale - AKC Reg. German Shepherd puppies. 7 weeks old, black and silver. $85. PH: 215-756-6554

Wanted - Used J.D. Roll Guard Cab or Year-Round cab for J.D. 3020 or 4020. Call after 6 P.M. 703-984-8884

Wanted to Buy - Water pump tools to make wooden pumps and wooden water pipes. Write Randy Eisensmith, R1 Mt. Wolf, PA 17347

For Sale - One Reg. bull calf, one week old. Sire - N-Del-Cee Dutchman. Dam - Pauline Okedale Medalist. Elam B. Stoltzfus, 3068 Irishtown Rd. Ronks, Pa.

Ear Corn for sale. Harold Krepps, RD Shirleysburg, PA 814-447-3383

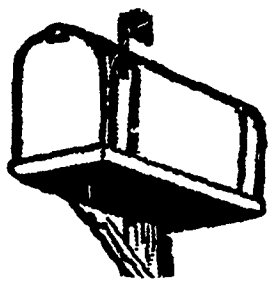
For Sale - 1000 gal. Girton milk tank with washer, 7 H.P. compressor and timed agitation. Dotterer Farms, Mill Hall, Pa. 717-726-3659

Wanted - 3 Veals milk fed. 2 steers, grain fed, must be cut up. Reasonable priced. 717-799-5495

Grove dump wagon, $800. 494 J.D. corn planter with insecticide attachments, $925. 792-3216 Stump Acres, (York Co.)

For Sale - Large size bucket of day stove, good condition. Christ S. Miller. R. D. 1, Paradise, Pa.

Two 22 h.p. V-4 Wis. engines. Need work. One clutch. Four 15" jeep wheels with almost new tires $85. 717-677-6721



FREE

Subscribers to Lancaster Farming will receive one advertisement Free each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:

Limit your advertisement to 20 words; area code must be added to phone number; all advertisements must be in our hands by Wednesday at 5:00 P.M. or same will be held over for next week's paper; no business advertisements accepted.

For Sale - New Idea 270 cut-ditioner; New Holland 68 baler, tow type, hay rake; M-F 4-row corn planter; 1200 gal. water tank. Ph: 717-477-2196 after 6:00 PM

For Sale - Herd of 26 large Holstein cows on DHIA test - 4 close springing heifers. Can be moved later. Ph: 717-229-2055 around noon.

For Sale - 7 year old standardbred carriage horse. Eli S. Ebersole, Jr. 250 Maple Avenue, Bird-in-Hand, Pa.

For Sale - Registered Hampshire and Yorkshire boars and gilts, all ages. Preston Bankert, R. D. No. 3, Red Lion, Pa. 717-244-1244.

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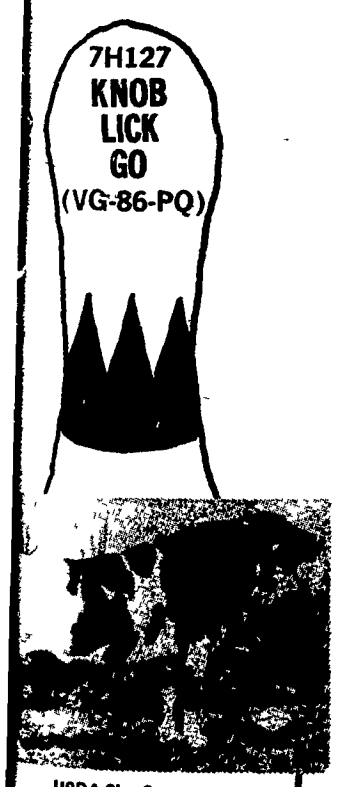


7H127
KNOB LICK GO
(VG-86-PQ)

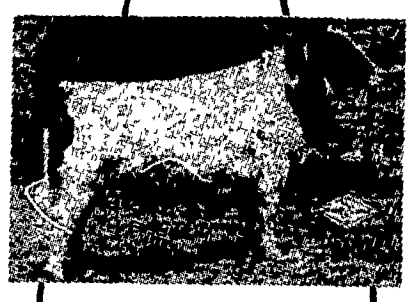
USDA Sire Summary
(Oct. 76)
+1084M -.06% +31F
Repeatability 88%
Dollar Difference +$96
HFA Type Summary (10/76)
PDT (56% Repty.) -1.29

His Dam:
Knob Lick Ivanhoe Liza
(VG 88GMD)
6 2 365d 2x 23070M
4 4% 1018F*

7H166
SUNGOLD KINGPIN PERCY BURKE
(GP-82-PQ)

USDA Sire Summary
(Oct. 76)
+1182M -.03% +39F
Repeatability 72%
Dollar Difference +$110
HFA Type Summary (10/76)
PDT (45% Repty.) -0.51

His Dam:
Sungold Ellen Burke
(EX-91)
8-6 365d 2x 21450M
3.4% 729F*



7H242
LEEBAR DRUMMER KINGPIN MICAH
(VG-87-PQ)

USDA Sire Summary
(Oct. 76)
+1094M -.04% +33F
Repeatability 94%
Dollar Difference +$98
HFA Type Summary (10/76)
PDT (79% Repty.) -0.53

His Dam:
Green Hill Josie Drummer
(VG-87)
11 365d 2x 22296M
3 8% 846F*

PERCY, GO, and MICAH, three great Kingpins that we can confidently recommend to any Holstein breeder. Build your future herd on daughters of these three genetically superior Kingpins by ordering your semen now.

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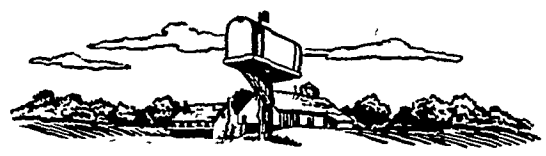
Herd
COUNSEL
BOX 46, RD2,
COCHRANVILLE, PA 19330
INFORMATION — 215-932-2607



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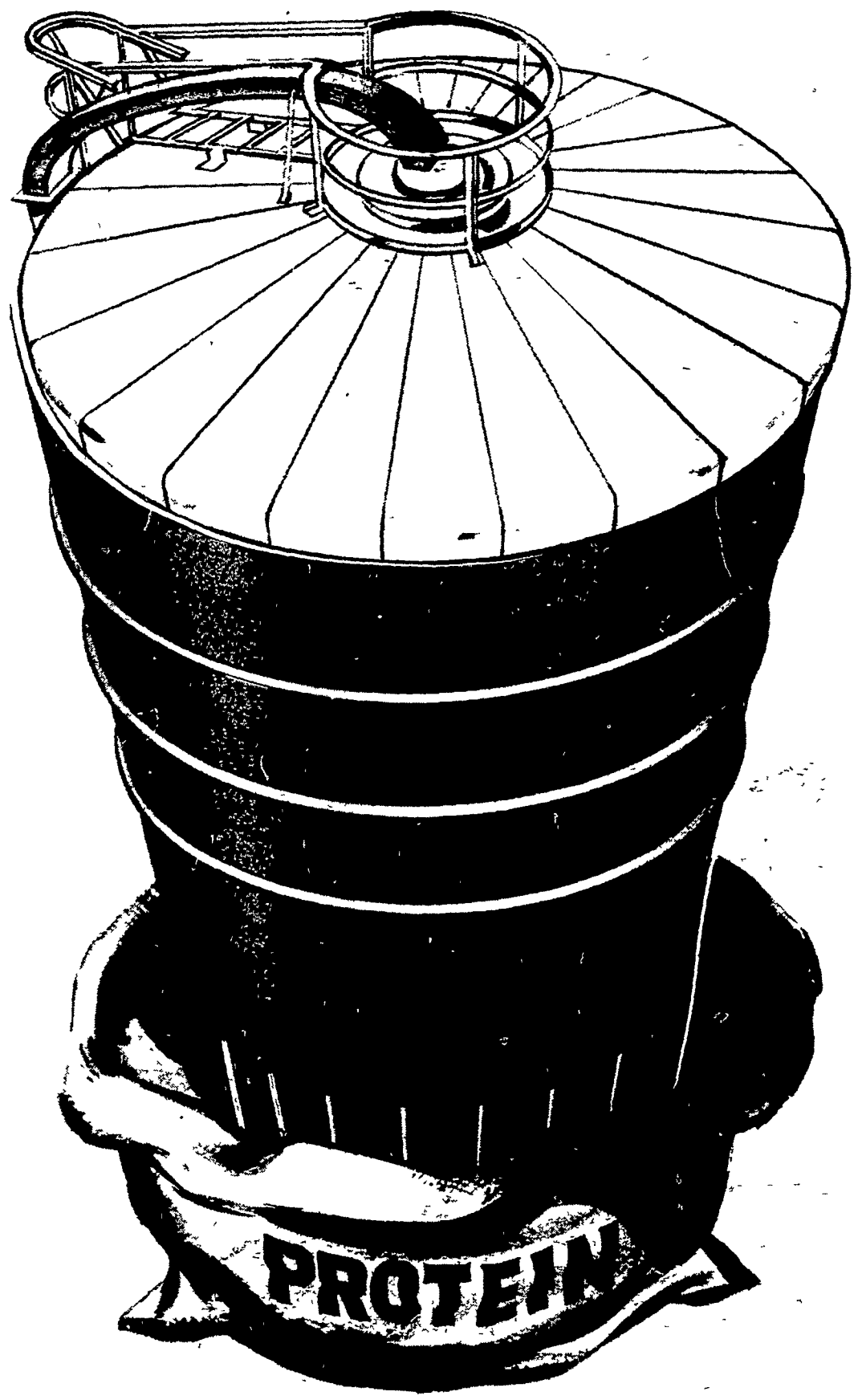

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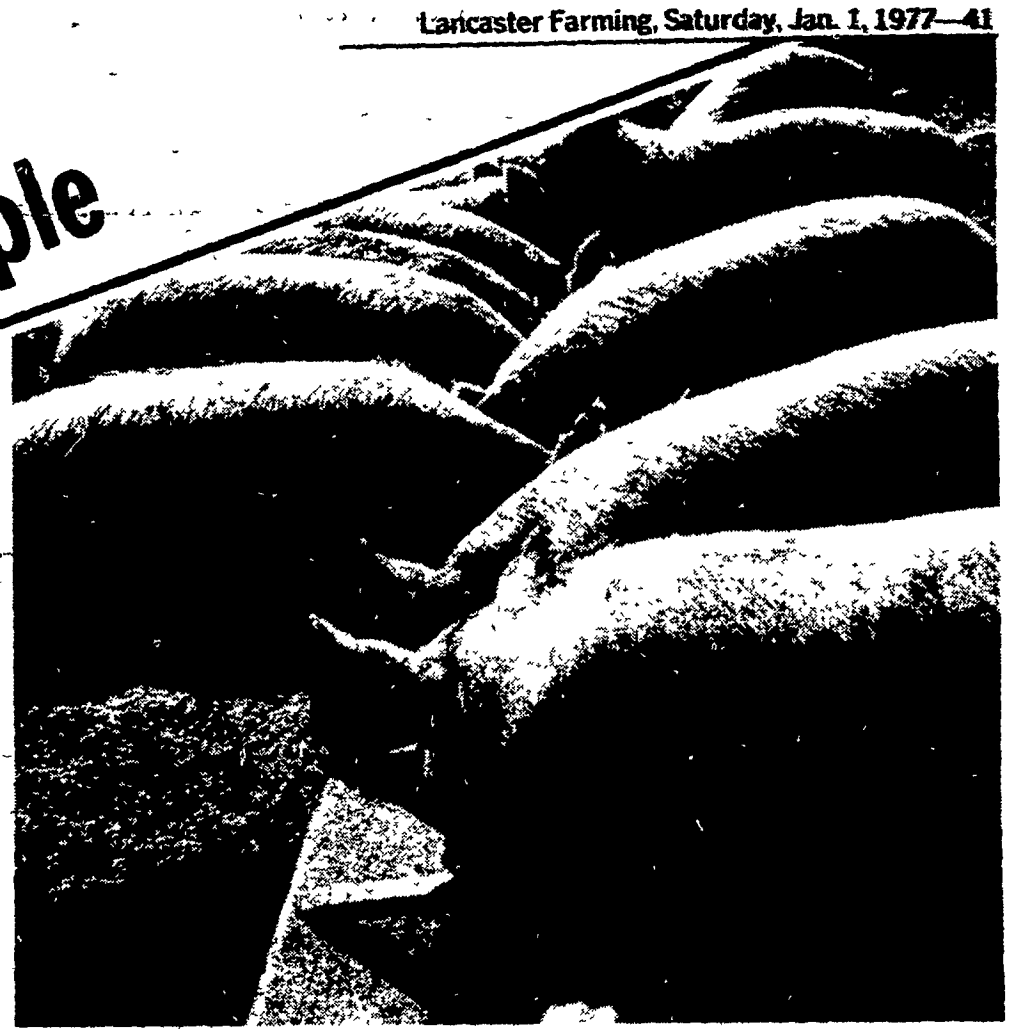

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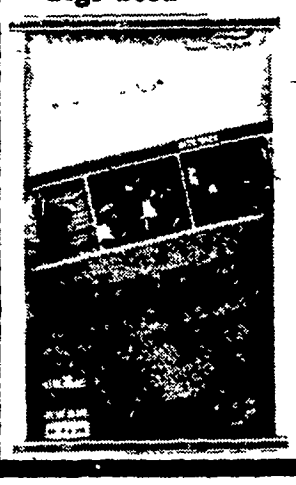

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JE' MAR FARM SUPPLY, INC.
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SWATARA CREEK MILLS, INC.
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WAYNE FEEDS OF WHITEHALL
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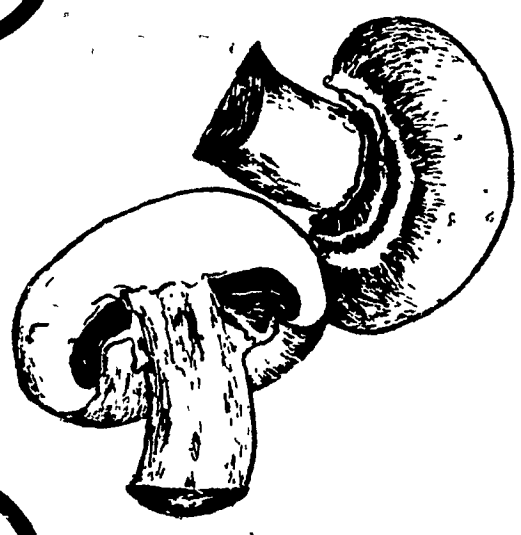
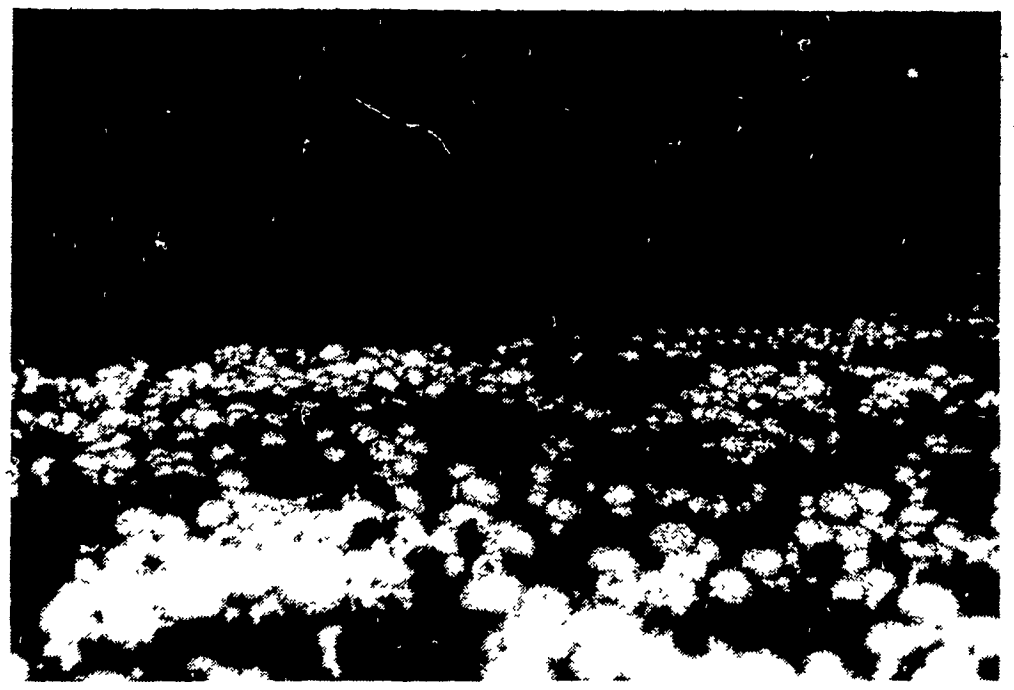
BRANT'S MILL
830 Maple St.
Lebanon, PA 17042 717-272-6781

WHITE OAK MILL
RD5, Manheim, PA 17545 717-665-2288



She's glad when 'breaks' are over

Mrs. George Blevins, a helper, weighs a 10 pound basket of mushrooms which were just picked. She is wearing gear for picking in the dark mushroom house.



Mushrooms during a "break."

Spawn shown at the side of a bed section.

By SUSAN KAUFFMAN
Feature Writer

After spending three or four hours in the barn each morning, Jettie Mills heads to the house because there is a break, and the beds need attention. She is not going to the farmhouse for a leisurely cup of coffee and a chance to prop her feet up to watch TV or read a book. She is going to the mushroom house where a "break" refers to the crop in its peak of production when a solid white blanket of mushrooms pop up all over the 24, five-and-one-half-foot wide by 60-foot-long "beds".

"This mushroom business is just a side line for us," Mrs. Mills explains. With over 100 dairy animals and 173 acres to tend to, Frank and Jettie Mills, Nottingham, R1, grow the mushrooms for the cannery rather than for the more involved cutting and packing operations. "There is too much labor involved in that kind of operation," Mrs. Mills adds. "We keep picking ours a lot longer than those who cut and pack for market."

The Mills start picking early in December and have big breaks usually until the end of January with four people picking every day for eight hours. Then, through April and May, two people pick steadily four or five hours each day.

Actually, the work on the mushroom crop, as with other farming ventures, begins long before harvest. Mushrooms don't appear on the beds until 60 days after the house is filled. The block house contains 24 beds each five-and-one-half feet wide and 60 feet long. Four rows, six beds high, constitute what is called a double house. The beds are built of wood and filled with 140 to 160 yards of mushroom compost specially prepared with a mixture of one-half manure and one-half synthetic materials. The synthetic materials are generally alfalfa or grass hay which has been rained on before being baled.

A conveyer system and a work crew bring the compost into the house and the beds. The day after the house is filled with the compost, it is steamed for six to eight hours by an oil-fired steamer brought on truck to the farm. The steam is pumped under pressure into the house through pipes so that a temperature of 140 to 145 degrees results. The temperature is held at that point for four hours then eased down to 120 to 135 degrees for a week to 10 days and finally allowed to drop to 80 degrees at the end of 14 days after steaming is done.

When the bed or soil temperature is 70 to 75 degrees, the spawn can be seeded. Mushroom spawn is broadcast by hand onto the beds by using millet or some other sterilized seed which has the mushroom spores or seeds coated on it. In a few days the spores grow into a fine cobweb appearance all over the dirt in the beds. Clear plastic is laid over the beds to hold the moisture, and the spawn is allowed to "run" or spread for two weeks.

After growing for these two weeks, the spawn is covered with a three-quarters of an inch deep layer of good top soil with a pH of 7.5 or 7.6. The top soil is taken from the farm itself and sterilized before putting it into the mushroom house. The process of covering the spawn with soil is called casing.

Frank Mills estimated that the amount of soil used is approximately 48 quarts to a section. Each section is four feet by five and one-half feet w sections to a bed.

When the spawn starts comin through the dirt, watering begins. uses a hose with a rose-hea tachment which provides a fine s He waters every day, skipping a now and then. He can water the 2 in an hour or an hour and a half.

"A light spray is better than too at one time," he explains. "The so to be pretty wet for the mushroo grow well."

The mushrooms are grown u dark at a temperature of 58 de with daily watering to provid needed moisture to develop the delicacies.

At harvest time the mushroom pulled out of the dark by hand the roots are cut off into a container an mushrooms placed into plastic ba which hold 10 pounds each. The ba are weighed on scales checked by inspectors so that accurate weight recorded. The baskets are take truck daily to local canneries.

This year, according to Mills, price has been high with 72 ce pound paid for mushrooms on De The price has dropped 7 cents a p to 65 cents this week. Last yea price averaged 52 cents with 40 being paid in February and 64 paid in May. After the New Year, p drop with a drop in demand an

Homestead Notes

abundance on the market. S mushrooms grow best at abou degrees, air-conditioning is neces for warm weather resulting in h prices.

For the shopper to get the most out of the money she spends mushrooms, Mrs. Mills suggests choose those with the caps still against the stem.

"They are never very pretty in store when you are used to seeing t fresh and white on the beds like t she laments as she shows them gro on the section beside her. "They displayed in the stores in the light light turns them brown. Really, should be stored in a brown paper in the refrigerator and kept dry used. Sunlight and water on them ruin them," she emphasized.

To make creamed mushrooms, a as distinctive to Chester County chow-chow is to the Pennsylv Dutch - wash mushrooms and dr Place them in a pan with a tight-fit lid and cook in their own liquid for t minutes. Add condensed milk, but salt and pepper to taste. Thicken flour and milk, Mrs. Mills adv "Never add water to mushrooms - provide their own liquid."

"We really like breaded mushro even though they are tedious to m Wash and drain them; dip into egg milk mixture, roll in cracker cru and deep fry."

When a break means eight hou day pulling mushrooms, besides the or seven hours spent in the barn, Mills is more than glad when her br is over!

Apples down

RISBURG, Pa. - vania apple holdings n 28 per cent from a o, according to the ylvania Crop g Service.

ylvania apples in cold storage on November 10 totaled 145,835,000 pounds. The apple holdings are down 57,866,000 pounds, or 28 per cent from last year. The 145,835,000 pounds converts to 3,472,000 boxes of apples at 42 pounds each.

Learn to think metric - you'll need to

NEWARK, Del - After a hundred years of consideration, the United States has finally decided to go the way of every other major nation in the world. It will be forsaking ounces for grams and inches for centimeters, and turning to the metric system.

What does this mean to the consumer?

The metric system may not complicate your life as much as you think it will, says Coral Morris, Extension home management specialist at the University of Delaware. As a consumer, you will need to know some basic conversions between the two systems, but the metric system is simple to learn, she says.

It is based on a system of tens. The basic units are the meter, the liter, and the gram. A meter is equal to about one and a tenth yards. For your purpose in many situations, you can remember that it is a little bit longer than a yard. A liter is a little larger than a quart (about 1.06 quarts). A gram is about the weight of a paper clip.

These are simplifications, of course, says the home management specialist, but most consumers won't need to become experts to function in the supermarket and department store.

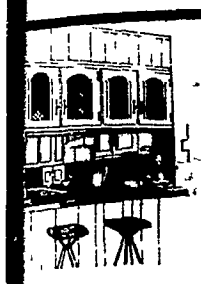
Some prefixes are added to the basic units to form other commonly used units. The prefixes "milli," "centi," and "kilo" are added to liter, meter, and gram. "Milli" means one-thousandth (0.001). When added to a meter, the term "millimeter" is one-thousandth of a meter, obviously a small unit.

The term "centi" means one-hundredth (0.01), so when added to a meter, a "centimeter" means one-hundredth of a meter. "Kilo" added to a unit means one thousand times that unit. Therefore, a kilometer is a thousand times a meter.

But these conversions probably do not really bring home the point about how large or how small the unit is. Ms. Morris uses some common objects to make this clear. A millimeter is about the diameter of a paper clip wire. A centimeter is about the width of a paper clip (about 0.4 inch). A kilometer (1000 meters) is a little further than a half mile (about 0.6 mile). A kilogram is a little more than two pounds (about 2.2 pounds). And it takes five milliliters to make a teaspoon.

Another aspect of metrics which everyone will need to be familiar with is Celsius temperature scale. On our present temperature scale (Fahrenheit) water freezes at 32 degrees, and it boils at 212 degrees. On the Celsius scale, water freezes at zero degrees and boils at 100 degrees. To determine the Celsuis temperature if you know the Fahrenheit, you'll need to brush up on your math, says Ms. Morris. First subtract 32 from the Fahrenheit temperature and multiply the answer by five-ninths.

Don't feel you must take a crash course in metrics to become an instant expert, advises the home management specialist. Learn the basic units and prefixes and little by little, as you deal with them, you'll find yourself "thinking metric" more and more.



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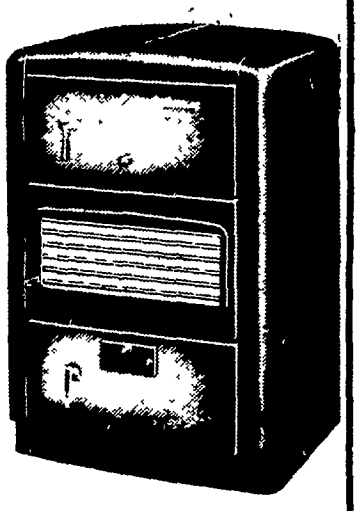

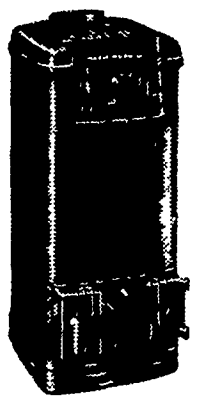

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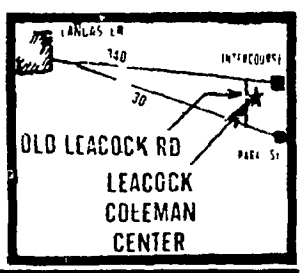

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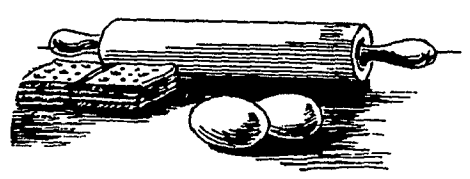

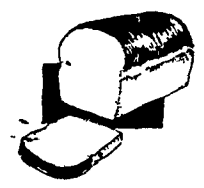

New Years is a good time to try out new puddings for the coming year. Over the past few months, our contributors have sent in several different kinds to be tried this winter. There is an assortment starting with butterscotch pudding and ending with cherry steamed pudding. And, for a slightly different twist of a dessert, try the raspberry vanilla cloud to see if your family appreciates its flavor.

And, if you like to put sauce over cake to give it added flavor, try the poor man's delight in this week's column.

BAKED CUSTARD

3 eggs
¼ teaspoon salt
4 tablespoons sugar
2 cups milk (scalded)
½ teaspoon vanilla
Nutmeg on top

Beat eggs slightly. Add salt and sugar; slowly add the hot milk and vanilla. Pour into buttered custard cup. Sprinkle with nutmeg on top. Bake in a pan of hot water until the custard is firm or a knife blade inserted comes out clean. Serves 6. Bake at 325 degrees F. for 30-40 mins.

Mrs. Charles Biehl
Mertztown, Pa.

xxx

ONE—TO—ONE BREAD PUDDING

1 cup milk, heated
1 egg
1 tablespoon butter
1 tablespoon sugar
1 teaspoon vanilla
3 or 4 slices bread

Grease casserole, butter bread; cut into 1 inch squares. Beat egg with fork; add sugar and egg to milk. Pour over bread. Add vanilla. Bake at 375 degrees F. for about an hour until inserted knife comes out clean.

Mrs. Charles Biehl
Mertztown, Pa.

xxx

BUTTERSCOTCH PUDDING

Combine in a heavy saucepan:
½ cup brown sugar
1 tablespoon butter
2 tablespoons water

Boil, stirring constantly, until mixture caramelizes. Add ¼ cup water. After foaming stops, add seven cups milk. Bring to boiling point.

Then add:
6 tablespoons cornstarch or clear jell
¼ teaspoon salt
1 package butterscotch pudding mix (not instant pudding)
½ cup milk. Add gradually to make a smooth paste. Cook until thickened.

Mrs. Eli Sauder
New Holland, Pa.

xxx

WALNUT CUSTARD

1 cup sugar
¼ cup melted butter
Yolks of 3 eggs
1 cup walnuts
1 cup raisins
2 teaspoons flour
1-½ cups milk
Whites of 3 eggs
1 cup powdered sugar
1 teaspoon vanilla

Mix together and bake at 350 degrees F. until done.

xxx

COTTAGE PUDDING

¾ cup sugar
3 tablespoons melted butter
1 cup milk
3 teaspoons baking powder
1 egg
2-½ cups flour

In bottom of 8 inch round pudding dish place two cups of thinly sliced baking apples. Let them heat through. Then pour above mixture on top. Bake 35 to 40 minutes at 350 degrees F. Serve warm with milk, sweetened to taste.

Peaches, cherries or any fruit in season can be substituted for apples.

Mrs. James Renner
Hatfield, Pa.

xxx

PLUM PUDDING

½ c. milk
3½ c. soft bread crumbs
¼ lb. suet, chopped
½ c. sugar
2 eggs, separated
Two-thirds c. seeded raisins, cut fine
¾ lb. currants, cut fine
¼ lb. figs, cut fine
One-third c. citron, sliced thin
¼ c. apple cider
½ t. nutmeg
½ t. cinnamon
¼ t. cloves
⅛ t. mace
¾ t. salt

Scald milk and pour over bread crumbs; let cool. Cream chopped suet in warm bowl. Add sugar, cream together thoroughly and add well beaten egg yolks. Combine these two mixtures. Cut fruits, mix together, and add. Mix spices and salt together and add. Add cider, then mix thoroughly. Lastly, fold in stiffly beaten egg whites. Pour into well greased pudding mold. Cover tightly and steam for six hours. Serve with hard sauce.

xxx

CHERRY STEAMED PUDDING

½ c. shortening
1 c. sugar
2½ c. flour
4 t. baking powder
½ t. salt
2 eggs
1 c. milk
2 c. pitted cherries, halved

Cream shortening and sugar; add well beaten eggs. Sift flour, baking powder and salt. Dust cherries with small amount of dry ingredients. Add remaining dry ingredients to first mixture alternately with milk. Fold in cherries. Pour into greased pudding mold. Cover tightly and steam in oven two hours at 300 degrees.

xxx

POOR MAN'S DELIGHT

2 tablespoons strawberry nectar
1 quart sweetened applesauce
4 tablespoons cornstarch
Sugar to taste
¼ cup cream, whipped
Plain cake

Mix strawberry nectar to applesauce and heat to boiling. Thicken with cornstarch, stirred to a smooth paste with a small amount of water. Add sugar to suit taste. Chill well. Then add cream and use as a sauce over plain cake for a pleasing dessert. Or, omit the cream and use as a filling for Boston cream pie, served with globs of whipped cream.

Clear jell can be used for thickening or strawberry jello using cold applesauce for the cold water.

Mrs. Annie Stauffer
Loveville, Md.

xxx

RASPBERRY VANILLA CLOUD

1-two-thirds cups graham cracker crumbs
¼ cup sugar
1 teaspoon cinnamon
One-third cup melted butter

No. 1
¼ cup flour
¼ cup sugar
1 pack unflavored gelatin
½ teaspoon salt
1-¾ cups milk

No. 2
3 egg whites
¼ teaspoon cream of tartar
¼ cup sugar.

No. 3
1 teaspoon vanilla
¼ cup heavy sweet cream

Mix graham cracker crumbs, sugar, cinnamon and melted butter and press in dessert dishes. Next mix flour, sugar, unflavored gelatin, salt and milk together and bring to a boil. Cool. Then beat egg whites to frothy and add cream of tartar and beat until stiff. Gradually add sugar. Next beat vanilla and heavy cream together until thick. Then mix No. 1, 2 and 3 together, folding gently but thoroughly, mixed mixture immediately into dishes lined with cracker crumbs. Just before serving, add sauce

Sauce:
2 cups crushed strawberries
½ cup water
1 teaspoon lemon juice
2 tablespoons cornstarch

Mix above and bring to a boil. Cool.

P. S. Any fruit that is canned with clear jell can be used. Cream cheese may be added into milk pudding

Ruth
Fleetwood

xxx

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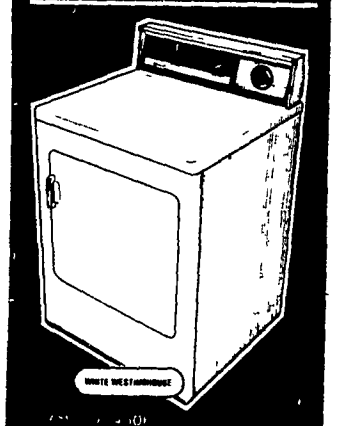

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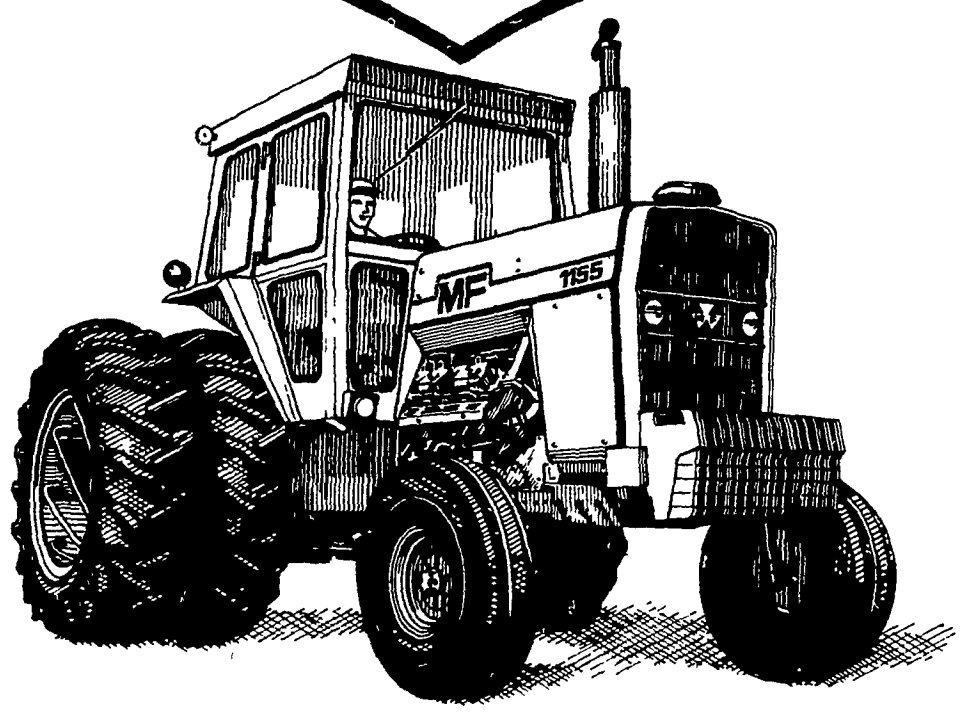

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Ladies Have You Heard?

By Doris Thomas

Lancaster Home Economist

JANUARY, START AFRESH MONTH

Among the many other things that happen about now is that we look back over the year - we think about the mistakes we made - the fun we had - and we evaluate the progress we made. And then we look ahead to a new year, and we promise ouselves to sail through it without upsetting our personal ships. Perhaps we decide to follow the advice of one of our friends and make it the year we enter our own personal sweepstakes. Or we decide to read all the books and articles we didn't read last year. Also we might pledge ouselves to do one kind and thoughtful out-of-your-way thing each day. Then, too, we set down certain resolutions we hopefully plan to carry out during the year. And some of these resolutions could range from the ridiculous to the sublime. But at any rate, we've made them.

January has a certain beauty about it - I like to think of it as start afresh month. It's a month with all the freshness of the dew on a rose - the joyousness of launching an exciting new chapter in our lives. It's a challenge - this month of January of a new year. It's a challenge to correctly evaluate ourselves as we were last year - to plot a more useful and happier year - and to lay the foundation for successful and satisfying years to come. Let's think of January as the vital month that begins a new year - then ask ourselves "what are we going to do about it."

ORGANIC FOODS COST MORE

If you buy organic food, you probably know it costs more than regular foods. A recent study by the United States Department of Agriculture shows that organic foods continue to cost one and one third to one and two thirds times as much as regular foods.

So-called organic foods, though more expensive, are not necessarily more nutritious, and the buyer has no assurance that they were actually organically grown and processed.

To check the cost differences, the USDA economists shopped for 33 foods in two natural food stores and for 33 similar regular foods in a supermarket. They found that the 33 foods cost $28 in one natural food store and $24.02 in another - a co-op. But, a similar basket of regular, non-organic food cost only $17.49 at a supermarket.

Here are some price examples: chicken labeled organic cost up to three times as much as a plain ordinary chicken. "Organic" onions cost almost three and a half times as much as regular onions. Tomatoes labeled "organic" cost up to twice as much as regular tomatoes.

Since there was a significant price difference between a large natural food store and a cooperatively-owned organic food store, you need to shop around and compare. But, the researchers found that organic-labeled fresh brussels sprouts cost one-third less than regular brussels sprouts. And organic-labeled uncooked wheat cereal also cost about one-third less than regular wheat cereal.

Virginville Grange News

VIRGINVILLE, Pa. - At the December 15 meeting of the Virginville Grange, the Master Ernest Miller appointed the committee to be in charge of the New Year's Eve party. Those elected were Mr. and Mrs. Harvey Smith, Mr. and Mrs. Paul Balthaser, and Mr. and Mrs. Stanley Miller.

Bowling standings reported to the group were: 1, 12, 17, and 20th placings.

It was announced that all families signed up to attend the New Year's Eve party are asked to bring dessert.

The lecturer, Linda Rentschler, reported that at the first meeting, the program will have a New Year's theme. That meeting is to be held on January 5, 1977. The second meeting on January 19 will be an awards night.

All who are interested in a picture taken at the Grange's Labor Day outing should get in touch with Mary Sonon as soon as possible.

NOTICE

Any Farm Women Society wishing to have their program schedule mentioned in the "Women's Calendar" should send their yearbook or a typed schedule of the year's events to Lancaster Farming Newspaper, Farm Women News, Box 266, Lititz, Pa. 17543.

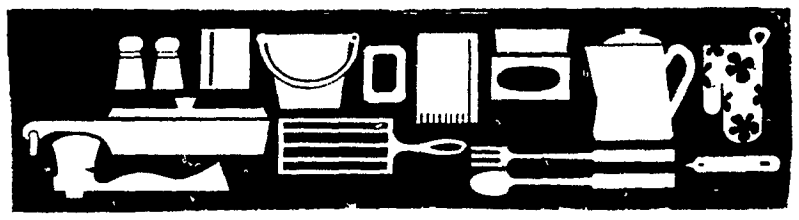
Women's Calendar

January 6, 1976

Lancaster County Society 17 meeting at 1 p.m. Hostess is Norma Lefever. Reveal secret sisters with a plant and discuss how to start plants from cuttings.

Saturday, Jan. 8, 1977

Lancaster County Society 10 meeting at 1:30 p.m. at 1464 New Holland Pike. Mrs. John McGrann hostess. Program for the afternoon is "Come with me to Morocco."



Junior Cooking Edition

Well, it's now a new year with plenty of expectations and New Year's resolutions. But, one tradition that is not new, but goes on year after year regardless of the changing times is pulling taffy. And, this week one contributor sent in her recipe for taffy so that all readers of **Lancaster Farming** could get in on the fun. And, now that we have gotten our first snow of the year, this recipe is really in season, since it calls for placing the hot mixture in the snow to cool.

Another recipe that came in to the office is for Peppernuts. This is a delicious Pennsylvania Dutch recipe that is called "Pfefferrnusse" in Deutsch. Some peppernut recipes call for ⅛ teaspoon white pepper, also.

TAFFY

2-½ cups white sugar
1-½ cups white corn syrup
1 teaspoon unflavored gelatine
½ cup milk
1 teaspoon flavoring
½ inch cut from narrow end of bar of paraffin.

Soften gelatine in cup with two teaspoons cold water. Set aside. Combine sugar, syrup and milk in saucepan and bring to rolling boil. Add gelatine and wax. Continue boiling until very hard ball (265 degrees F.) Pour in greased container and place in snow or ice water to cool. As the mixture begins to harden around the sides, fold it into the middle. Repeat this until it is cool enough to pull. Nail a hook in a cool place. Place candy on hook. Pull into a rope twisting it as you pull. Rehook and pull longer each time, up to 12 or 15 feet. Continue to pull until rope begins to break into threads. Remove from hook. Cool on board dusted with powdered sugar. Add fine crushed nuts to mixture before pulling for extra goodness.

Grace Kanagy
Mattawana, Pa. Age 14

BLACK WALNUT CAKE

3-½ cups sifted cake flour
5 teaspoons baking powder
1 teaspoon salt
1-¼ cups shortening
1 teaspoon almond extract
1 teaspoon vanilla
1-¾ cups sugar
4 egg yolks
1-½ cups milk
4 egg whites
1-¼ cups chopped black walnuts

Sift together flour, baking powder and salt. Cream shortening; add flavorings. Gradually add 1-½ cups sugar, and cream the mixture until light and fluffy. Add yolks, beat; alternately add flour mixture and milk beating until smooth after each addition, ending with flour. Beat egg whites until frothy. Add remaining ¼ cup sugar; beat until meringue is glossy, but not dry. Lightly fold meringue and walnuts into batter. Pour into two well greased 9 inch layer pans. Bake in moderate oven (350 degrees F.) 45 minutes.

Ella Kanagy
Mattawana, Pa.

PEPPERNUTS

1 cup shortening
1 cup sugar
2 eggs, well beaten
1 teaspoon cinnamon
¼ teaspoon allspcie
¼ teaspoon cloves
½ teaspoon nutmeg
4 tablespoons anise seed or ½ teaspoon anise oil
¼ cup light syrup
½ cup molasses
One-third cup water
One-third teaspoon soda
6-¾ cups flour

Cream shortening and sugar thoroughly. Add beaten eggs, spices and anise seed or oil. Combine syrup, molasses, water and soda. Add to creamed mixture. Add sifted flour. Chill at least four hours or overnight. Mold into long rolls ½ inch in diameter. Cut into one-third inch pieces. Place cut side down on greased baking sheet. Bake in hot oven 400 degrees F. for eight minutes.

Catherine Kanagy
Mattawana, Pa.
Age 15

DATE PINWHEEL COOKIES

2-½ cups dates, cut into small pieces
1 cup white sugar
1 cup water
Cook until thick. Cool;
Add:
1 cup nut meats, chopped
1 cup shortening
2 cups brown sugar, firmly packed
3 eggs, well beaten
4 cups flour
½ teaspoon salt
½ teaspoon soda

Mix and divide into two parts. Roll out to ¼ inch thickness. Spread one half of the date filling on each roll. Roll as for jelly roll. Let cool. Slice ¼ inch thick. Bake at 375 degrees F. for 10-12 minutes.

Ruth Kanagy
Mattawana, Pa.
Age 10

RAISIN MUMBLES

Crumbs:
1-¾ cups flour
½ teaspoon salt
1 teaspoon soda
1 cup brown sugar
1-½ cups rolled oats
¾ cup butter
Filling:
2-½ cups raisins
½ cup sugar
1 cup water
1 tablespoon vinegar
2 tablespoons cornstarch

To make crumbs, sift flour. Measure and add salt, soda, and brown sugar. Soft again. Add oatmeal flakes. Cut shortening into mixture until it is crumbly. Spread ½ of mixture in a greased baking pan that is 7 x 10 inches. To make raisin filling, cook raisins, sugar, water, vinegar and cornstarch together until thick. Then arrange raisin filling over crumb mixture Dot with butter and sprinkle with granulated sugar. Cover with remaining crumbs. Bake at 350 degrees F. for 40 minutes. Cut in squares or bars while still warm. Makes 17 to 20 square.

Ellen K. Nolt
New Holland, Pa.

ROUND UP STEW

2 sliced medium onions
1 chopped green pepper
2 tablespoons bacon drippings
2 lbs. ground beef
1 (28 oz.) can of tomatoes
1 tablespoon chili powder
1 teaspoon salt
¼ teaspoon black pepper
1 lb. can white potatoes
1 lb. can kidney beans
1 (12 oz.) can white kernel corn

Lightly brown onions and chopped green pepper in stew pot with bacon drippings. Add ground beef. Cook, stirring occasionally until well browned. Add tomatoes, chili powder, salt, black pepper, and simmer for 30 minutes. Drain the potatoes, kidney beans, and kernel corn. Then, cube the potatoes and add with beans and corn to stew. Simmer for 15 minutes longer and serve.

Connie Merryman
Whiteford, Md.
Age 13

PICKLED PUMPKINS

Peel and cut neck pumpkins in ½ inch cubes. Put in weak vinegar water overnight. Drain in morning.
Add: 1 cup vinegar
1 cup water
4 cups sugar
Stick cinnamon (small amount)

Cook until clear; put in jars and seal.

Dora Stauffer
Ephrata, Pa.

COLD WATER SPONGE

3 eggs, well beaten
1-½ cups sugar
½ cup cold water
2 cups flour
2 teaspoons baking powder
1 teaspoon vanilla

Gradually add sugar to eggs while beating. Sift baking powder with flour and add alternately with water. Add flavoring. Bake in 350 degrees F. oven for approximately 50-55 minutes or until cake springs back when touched.

Lena Mae Hostetler
McVeytown, Pa.

Service honored

NEW HOLLAND, Pa. - Sperry New Holland honored two employees who have completed 25 years of service with the company in December.

Those being honored are: Harvey Horst, 309 Sun Valley Dr., Leola, heat treat operator; and C. Kimber Beagle, 1833 Rockford Lane, Lancaster, profit planning coordinator.

They will be awarded an inscribed watch or clock by the company to commemorate the anniversary.

Farm Productivity Rose Last Year

Farmers' producti rose six per cent in reflecting both impro growing condtions and efficient use of resource most of the major U farming regions. Farm were able to produce th per cent more than the y before, but used two per fewer inputs, which ca productivity to rise, cording to an annual re released by the U Department of Agricultu Economic Research Serv

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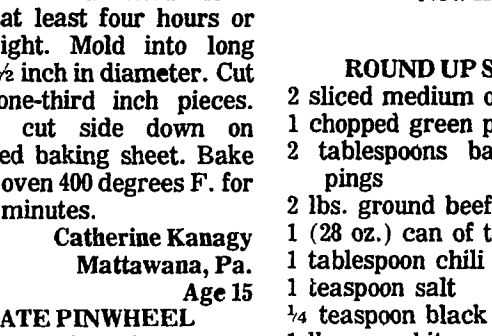

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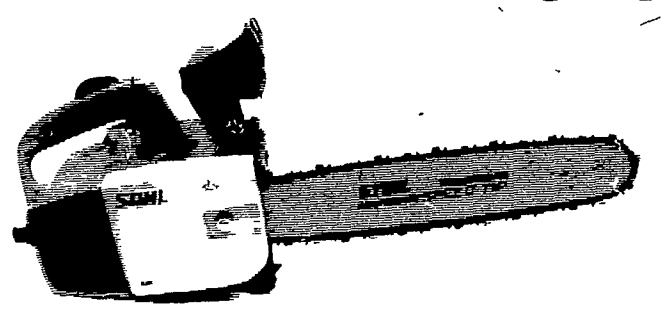

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SWISS MOVEMENT: As the weather warms up, various Cantons in Switzerland move their herds to the summer pastures. The event is a ceremonial occasion with the cows freshly groomed and wearing huge, decorative bells; and the herdsmen attired in traditional costumes.

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Quick and easy treats for New Years Eve

This Saturday night is your last chance to get in on the holiday party festivities for 1976. And, for those of you who have decided to cash in on the last day of the year to hold a get-together for your friends, the National Broiler Council and the Dairy Council have some party recipes to share with you.

The Dairy Council offers the following to liven up your refreshment table:

EGGNOG
FRUIT DRINKS

1 cup dairy eggnog
½ cup orange or pineapple juice, or apple cider ice cream or sherbert

Combine eggnog and juice. Pour into glasses. Top with scoop of ice cream, if desired. Makes 1½ cups.

SWEET AND SOUR DIP

4 slices of crisp cooked bacon or two tablespoons bacon bits
8 ounces cream cheese
¼ cup bottled sweet-sour salad dressing
2 tablespoons light cream (or low fat milk for dieters)

Crumble bacon finely. Combine cream cheese, dressing and light cream in mixing bowl. Beat until smooth, then mix in the bacon. Serve chilled with crackers, chips or vegetable sticks.

TANGY CHEESE AND NUT BALLS

4 ounces of blue cheese
4 ounces of cheddar cheese, grated
3 ounces of creamed cheese
½ cup chopped nuts

Blend cheese, softened at room temperature, in a bowl. Chill until mixture is firm. Form into small balls. Roll in chopped nuts. Makes 20-25 one-inch balls. Serve on toothpicks.

The National Broiler Council has this to say about chicken thighs, their answer to the holiday hostess faced with the "what to serve" dilemma:

Thighs are easy to dress up for any kind of party, from a formal seated dinner to an informal buffet or a gala drop-in where finger foods are served.

Thighs are nutritional giants, especially rich in protein and niacin but also with generous amounts of riboflavin phosphorous, Vitamin A, thiamine, iron, and clacium. Each thigh provides approximately 34 grams of protein or more than half the average adult recommended daily requirement.

Thighs go easy on calories.

When dressed up for a party, chicken is a sure-to-please dish for almost any kind of holiday entertaining. Above, herbed chicken thighs with a sprinkling of cheese (Party Perfect Baked Chicken) is the star of an informal buffet.

Two recipes the Broiler Council recommends are:

PARTY PERFECT BAKED CHICKEN

10 broiler-fryer chicken thighs, boned
2 tablespoons butter
1 teaspoon seasoning salt
¼ teaspoon pepper
½ cup onion, finely chopped
8 slices day-old bread, cubed
2 tablespoons fresh parsley, chopped
1 teaspoon oregano
1 teaspoon basil
½ teaspoon tarragon
¼ cup white wine
¼ cup evaporated milk
¼ cup grated Parmesan cheese

Melt butter in large skillet. Add boned thighs. Brown on all sides over medium high heat. Remove from skillet and place in long shallow casserole dish. Sprinkle browned thighs with seasoning salt and pepper. Pour off any excess butter, reserving two tablespoons in skillet. Saute onions in skillet, then add cubed bread, parsley, oregano, basil and tarragon. Mix wine, evaporated milk and one tablespoon of drained butter into ingredients in skillet. Pour herb-wine sauce over browned thighs. Sprinkle with Parmesan cheese on top of sauce. Bake at 400 degrees F. for 25 minutes.

Makes: 5 servings.

BUTTERED HONEY CHICKEN BITES

6 broiler-fryer chicken thighs, boned
4 tablespoons butter
4 tablespoons honey
1 teaspoon teriyaki sauce
1 teaspoon seasoning salt
½ teaspoon garlic salt
¼ teaspoon pepper
½ cup sesame seeds, toasted

Cut each boned chicken thigh into six to eight pieces. Pat dry and chill overnight. Melt butter and honey in small saucepan. Add teriyaki sauce. Sprinkle pieces with seasoning salt, garlic salt and pepper; dip each into honey-butter-teriyaki sauce and roll in sesame seeds. Place chicken pieces on baking sheet. Bake at 350 degrees F. for about 30 minutes, turning once to brown evenly. Re-heat remaining honey-butter sauce to serve with cooked bite-size chicken pieces.

Makes: 36 to 48 bite-size hors d'oeuvres.

Lancaster Co. Society 26

Farm Women Society 26 met on December 16 at the home of Mrs. Harry Hershey, Mt. Joy.

Joan Summy led the group in devotions. Reports were given by the committees that delivered the Thanksgiving baskets. The baskets were given to the Rufus Nauman and Noah Greenly families.

Joan Hershey read her essay which she wrote for the county convention and with which she received second place.

The outgoing president, Jerry Buckwalter, was given a jewelry box. The members revealed their secret sisters by giving them a Christmas present.

Doris Thomas spoke on "Creative Entertaining." She explained that there are many avenues to consider before entertaining. For instance one must think about who they are entertaining and what extra resources are available like time, energy, money, facilities, and menu, etc.

Co-hostess for the evening was Martha Kline.

The next meeting will be held at the home of Ruby Esbenshade on January 20, 1977. A white elephant sale will be held.

Know Where the Activities Will Be?
Read the Farm Women Calendar.

Know Where the Activities Will Be?
Read
the Farm Women Calend

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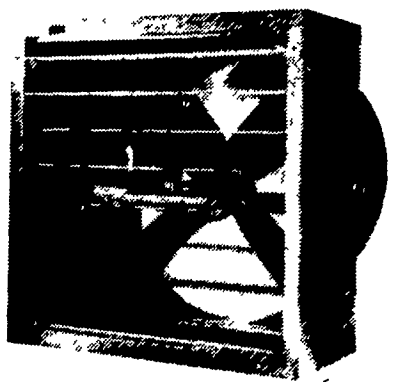

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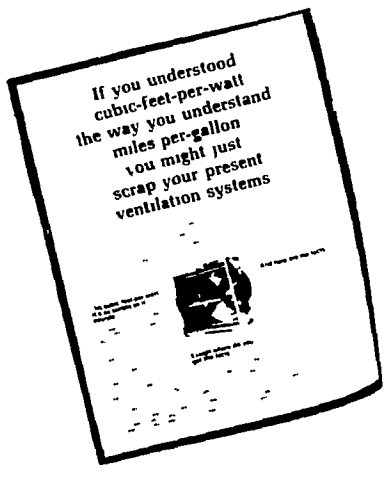
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Englishman views Pennsylvania agriculture

By JOYCE BUPP
York Co. Reporter

ORK, Pa. - What are the essions of an English- when he visits the ed States?

he U. S. is definitely the e to be in the world today many reasons," says Morris, who spent three ths traveling around this try. Being the tourist is verse role for Morris. He ds his summers working "courier," an English for a tour group guide. his past July, 35 Penn- vania farmers esented the state on a n-country Europe and iet goodwill mission. n landing at Heathrow ort in London, the first of the trip, Paul Morris there to greet them. or the next three weeks, "piloted" their journey, ng care of the countless ils of smoothing the herous farm and city s, going to bat for them n minor lodging or meal iculties came up, nting luggage and heads every stop, and even ing one of the group out a Russian jail for unauthorized photography!

When delegation members learned that Paul was planning to come to the States in September, they invited him to visit with them. Accepting some of the invitations, he spent the first week of December in York and Lancaster counties.

One of Morris' main reasons for visiting America was to absorb the geography and get to the people, not necessarily take in every tourist spot on the map. He bought a car in California, giving him the mobility to go where and when he chose.

Paul, and his traveling companion, Alison Thomson, spent much of their time camping. They prefer wilderness areas, where they could backpack into the forests, build a fire and absorb an isolationist atmosphere that just can't be found anywhere on the British Isles.

"The geography here is huge!", Morris discovered. "In England, land is so heavily populated that you sometimes just mentally erase the surrounding civilization and pretend that you are alone." He felt that this was a primary reason that English people tend to be more introverted than Americans - living on top of one another, it is the only way they can maintain any privacy.

During the winter months, when he isn't guiding touring groups, Paul works as the relief manager on a pig and turkey farm about 30 miles outside of London. He also fills in on assorted farm jobs, working wherever he is needed for nearby farmers.

Large White Hogs are raised on the farm, a breed which is a cross between the Danish Landrace and a Wessex Saddleback. The farm owner has been a champion pig breeder for two straight years in England for that breed of pigs. The award is based on feed conversion efficiency and litter survival rates.

"If you really do well in pig breeding, you can make a go of it, but you have to be tops," states Morris. Under the present set-up, the feed company owns the hogs, the farm owner used their feeds exclusively, and then retains a percentage of the market price, as well as receiving a managership fee.

Pigs are obtained as "weaners," and are supplied through a cooperative, Hartz Quality Pig Producers, which serves as a marketing agent between the breeder and the feeder. One farm manager and two helpers handle the 700 to 1000 animals, fattening them for about four months on buil feeds. The pigs are sold at 250 pounds, with an average market price of $65 per hundredweight, dressed weights.

When the bottom of the market on British pork fell four years ago, the farm owner branched out into the turkey business. Day-old chicks are brought in on one farm, raised for about 26 weeks and then dressed out on an adjacent operation at about 30 to 35 pounds.

"Our turkeys are extra good," believes Paul, "Because they see daylight and run out on the open ground."

Paul and Alison were especially interested in farm life in Pennsylvania and spent several days on a York County dairy farm. In there time here, they visited the Green Dragon Farmers Market. Paul found himself almost buying a cow during the dairy auction, when he raised his hand to wave his host to a seat he'd been saving. The auction fascinated him, especially the speed of the auctioneer's speech.

"I like the farmers' markets better than the supermarkets," he commented, adding that it was more comparable to the English food marketing, with small shopowners specializing in certain foods. He also expressed disappointment with fast food chain restaurants and felt that the few that were being tried in England "wouldn't make it."

Although he thoroughly enjoyed his American visit, Paul wasn't ready to live here permanently.

"In England, I know where I stand and where my neighbor stands. Here life moves so fast that I don't think I could live that way." But then he added, "America is tops in technology and more responsive to changes than any other country in the world.

Paul Morris should be an expert at comparing the cultures of various countries on an "everyday life" basis. He has traveled in every European country, several of the Iron Curtain countries and some of the Middle East areas. And he's held an unbelievable assortment of jobs in his 25 years.

What does someone who has traveled over much of the world want to do with the rest of his life?

"I think I'd like to find a small farm back in England and be sort of self-sufficient," he has decided. Admittedly, that may be difficult because of the scarcity of land there.

But regardless of what the future holds in store, Paul and his Pennsylvania friends hope it includes another visit back sometime.

Time changed on Sunday organ concert

KENNETT SQUARE, Pa. - Longwood Gardens has announced a time change for its weekly Sunday afternoon organ concerts, effective January 2, 1977. The two-hour concerts, which in the past began at 3 p.m. each Sunday afternoon, will now begin at 2:30 p.m. "We hope that this time change will allow a greater number of our visitors to enjoy the concerts, as well as the floral displays in the conservatories," said a spokesman for the gardens.

The Sunday afternoon concerts are presented by Longwood's well-known organist, Dr. Clarence Snyder, in the conservatory ballroom, and include works of both a secular and a liturgical nature. The organ upon which Dr. Snyder performs is considered one of the most complete in the country. It weighs nearly 55 tons and is housed in a chamber off the Longwood conservatories. The organ was installed in 1929 by Longwood's founder, the late Pierre S. du Pont.

Besides the Sunday afternoon concerts, visitors have two other chances each week to enjoy beautiful flowers and fine music at the same time. One-hour concerts are given on the organ by Dr. Snyder at 1 p.m. every Tuesday and Thursday afternoon, and guests may listen in the ballroom or from the nearby conservatories.

There is, in addition, a series of concerts on scheduled Wednesday evenings featuring guest artists. A schedule of evening concerts may be obtained by writing the Visitors Center, Longwood Gardens, Kennett Square, Pa. 19348.

Admission to afternoon concerts at Longwood is by payment of the admission fee to the gardens. Admission to evening concerts is $1 per person.

Longwood Gardens is located on Route 1, northeast of Kennett Square. It is open daily, the grounds from 9 a.m. to 5 p.m. (6 p.m. in the summer) and the conservatories from 10 a.m. to 5 p.m.

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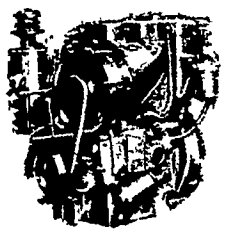

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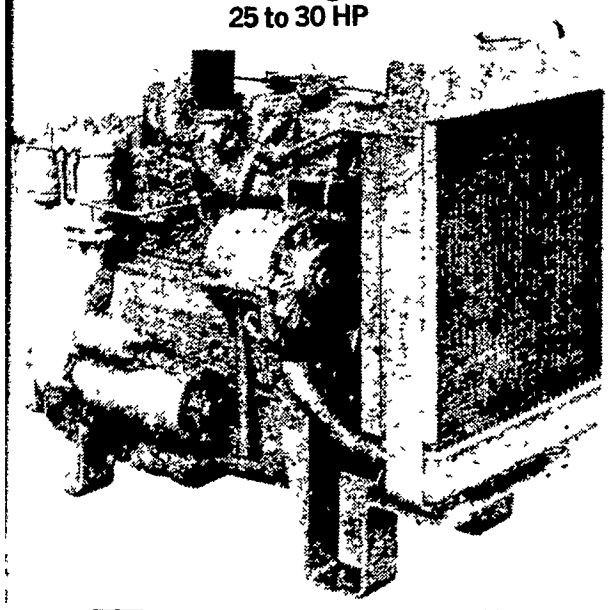

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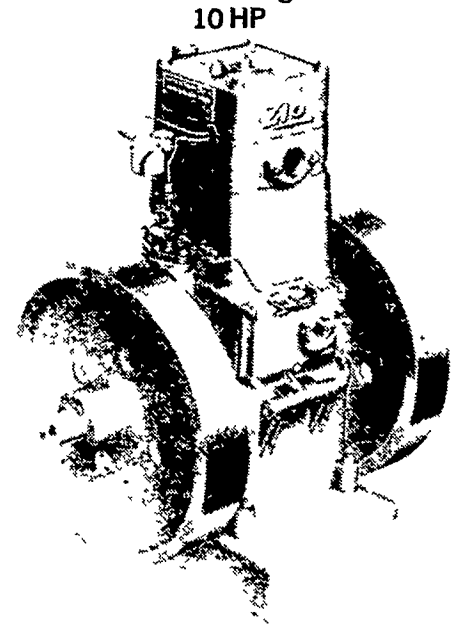

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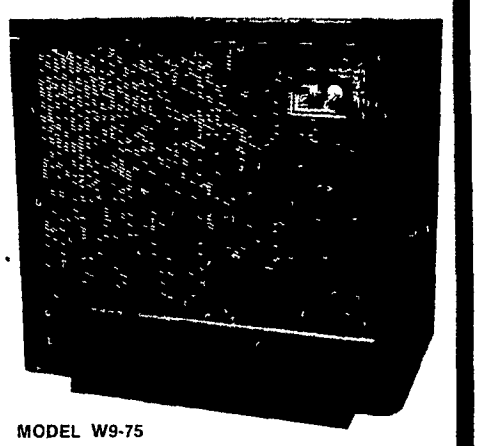

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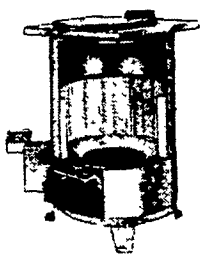

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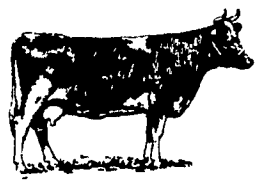

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Ida's Notebook

Ida Risser

With the new year comes hope of better things. It is said that hope and anticipation are what keep us going. Even if it is a small thing, like shopping on the morrow with a friend. We need something to look forward to - no matter our age.

I've just completed 40 years of writing a diary and never missing a day - through births, deaths, trips and operations. Sometimes some action in one's youth is jarringly brought to attention by reading old diaries. Then again one is reminded of special days in the childrens' lives as they grew from 20 in. to 6 ft. 3 in. As an example, when our daughter was 13 month old we tried to get her to say "Daddy" instead of "DaDa", but she wouldn't. When her father disgustedly told her she was a "dumb bunny", she quickly said, "Daddy, Daddy" and surprised us. Another time, one of our boys asked how they nailed those red lights in the sky when, at the age of 3, he saw a high-tower at night for the first time.

On occasion, I can refer to my diaries and find out exactly how long it takes us to drive to a distant city by checking on a previous trip. And of course, one can always use it to settle a dispute. I've heard it said, that one should pity the husband of a wife who writes a diary because she has written undisputable evidence of a past occurrence - say 29 years ago.

Over the years as I occasionally read part of a certain year, I've been struck by how similar our ways are now compared to how they were years ago. We seem to carry the same habits with us and they either please or displease the people with whom we live. Now's the time for a new start.

Fed. grain inspection takeover beginning on first of year

WASHINGTON, D.C. - U.S. Department of Agriculture officials recently announced changes in a scheduled federal takeover of grain inspection and weighing from 15 private firms and trade groups presently designated as official inspection agencies at ports around the nation.

Under the new schedule, as of today (Jan. 1) USDA's Federal Grain Inspection Service will take over inspection and weighing at two export elevators and other facilities served by the Destrehan Board of Trade, one of three non-federal grain inspection agencies in the New Orleans, La., area. At that time, the Destrehan Board of Trade becomes the first official inspection agency replaced by the Inspection Service under a new federal grain inspection law that went into effect last month.

On Jan. 16, the Inspection Service will assume responsibility for all official inspection and weighing of grain in Toledo, Ohio, and Saginaw, Mich., two major U.S. grain ports on the Great Lakes. On Feb. 1, a similar changeover to federal inspection and weighing is scheduled to take place in Chicago, Ill., the third major Great Lake grain port now served by a private or trade-operated grain inspection agency.

Inspection Service officials noted that each of the four takeover dates was moved up from previously arranged dates at the request of the affected agencies. Besides the Destrehan Board of Trade, those agencies are the Toledo Board of Trade, the Saginaw Board of Trade, and the Chicago Grain Inspection Bureau, Inc.

Firm phase-out dates for the remaining 11 private or trade-operated grain inspection agencies operating at export locations will be announced on an individual basis in the future. However, Inspection Service officials gave the following tentative dates, ports, and agencies for two nearby ports:

- July 2, 1977, Baltimore, Md., Baltimore Chamber of Commerce; and Jan. 21, 1978, Philadelphia, Pa., Commercial Exchange

Philadelphia.

Officials stressed that the dates for federal takeover of inspection and weighing at these ports remain subject to change.

Under the new federal grain law - the U.S Grain Standards Act of 1976 - within 18 months the Inspection Service must perform all official inspection and weighing of U.S. export grain. The Inspection Service can, however, delegate special export inspection and weighing authority to the states currently authorized to inspect grain at export locations.

The new grain inspection law is the result of a continuing federal probe into irregularities in the weighing, inspection, and handling of U.S. grain. The investigation, which has centered in the New Orleans area, has resulted so far in more than 80 convictions for violation of the 1968 U.S. Grain Standards Act, the U.S. Warehouse Act, and other federal statutes

Cattlemen's seminar set for January 22

ANNAPOLIS, Md. - The Maryland Cattlemen's Association has set its second annual "Winter Seminar" for January 22nd, 1977, at the Montgomery County Agricultural Center in Gaithersburg.

MCA president John Stump will serve as master of ceremonies for the day which begins with registration at 9 a.m. The morning sessions will be devoted to panel discussion, lunch will be served at noon, the association will hold its annual meeting at 1:15 p.m., and another panel will be held following the business meeting.

The morning panel will be on-"Managing the Breeding Herd for Reproduction;" and the afternoon panel will be "Improved Profits Through Production Testing."

Preregistration is urged. Preregistered tickets for the day will be $7.50, and tickets at the door will be $10. Wives' and children's tickets are $5.00 each.

For tickets and additional information contact: Maryland Cattlemen's Association, Box 337, Randallstown, Md. 21133.

Agribusiness seminar set for Jan. 27

YORK, Pa. - The 14th annual Agribusiness Seminar, cosponsored by the York Area Chamber of Commerce and York County Agricultural Extension Service, is set for Thursday, Jan. 27, at Avalong Dairy Bar Restaurant.

The day-long event, which begins at 9:30 a.m. and concludes at 2:45 p.m., will feature three prominent speakers as well as an audio-visual presentation, all addressed to the general theme, "Agriculture Leading the Way to a Better Tomorrow."

Speakers include Richard McDonnell, agricultural economist with the Grain and Feed Division of the U.S. Department of Agriculture; Norwood K. Talbert, director of environmental quality and engineering, Agway, Inc., of Syracuse, N.Y., and a respresentative from the New Holland Division of Sperry Rand Corp.

The audio-visual program, prepared by the Allis-Chalmers Corp., is entitled, "Historical Review of Agriculture."

Lancaster Co. Society 3

Members of Lancaster County Farm Women Society 3 and their children were entertained on December 18 in the Fellowship Hall of Swamp U.C.C. Church in Reinholds. Mrs. Linda Toledo and Mrs. Esther Stuber were hostesses.

Mr. and Mrs. Ken Chambers entertained the group by presenting "Humor with a Purpose."

Mrs. Doris Miller, Mrs Erla Gehman, Mrs. Vivian Stauffer, and Mrs Eilene Miller took Christmas gifts to the group's adopted daughter at the Hamburg State School on December 19.

Santa Claus visited with the members and presented gifts to the children. A gift exchange also took place between the members

The next meeting will be on January 15 at the home of Mrs. Vivian Stauffer. Mrs. Mary Alice Gregory will demonstrate scarf tying. Delegates to the state convention will give reports.

Society 9 Berks Co.

Berks County Farm Women Society Group 9 held their annual Christmas party at Sunnybrook, Pottstown, on December 11. Eleven members and their husbands attended

Past president Sue Hendricks was presented with a gift from the group Presents were exchanged and secret pals revealed for the year New secret pals will be chosen at the January meeting to be held at the home of Mrs Ruth Hafer

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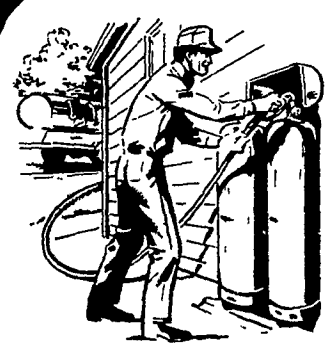

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On being a farm wife - and other hazards

By Joyce Bupp

What are ya' doin' New Year's Eve?

Our family usually just stays home, safely off the highways, or visits with friends nearby. But, a few years we have joined in celebrating at holiday parties.

The party I'll remember for the rest of my life, though, is the one I never got to.

It was my senior year in high school. Like most senior high school girls, I was fond of senior high boys - especially the athletic type. One in particular had been singled out. He was a bit more unusual than most; he was a farm boy.

When my close friend invited the farmer and I to her New Year's Eve party, we readily accepted the invitation. That night found us at the farm, hurrying to finish caring for his FFA animals and the few family milk cows. Never having lived on a farm, it was a treat for me to spend time in the barn; and the warm smells of hay and straw and the gentle animals erased the chilling dampness of the night air.

It soon became apparent that ushering in the new year was not the only event about to happen. Attendance at the party was going to be delayed. I picked up the phone and dialed the friend.

"You're WHAT?" she asked incredulously.

"We're delivering baby pigs," I told her again. There was dead silence on the other end of the line. My sanity was obviously a lost cause.

The Yorkshire sow took her own good time having the tiny piglets. We spent a peaceful evening watching by her side, giving assistance, until the litter delivery was completed and the babies warm and nursing. The anticipation of the party faded away in the thrill of helping to bring new life into the world.

History, we all know, repeats itself. This New Year's Eve promises another pig delivery by that same farm boy, now the head of this "you wouldn't believe the things that happen around here" household.

Ah - one slight difference. This "litter" will arrive, wrapped and nicely tagged. The tags will read: pork chops, ribs, tenderloin, sausage, etc. Our resident freezer-hogs stuck their nosey snouts where they had no business once too often and therein met their ultimate ends.

So if having pork on January 1 brings good luck, it should be a fantastic 1977!

Dairy management meeting to be held

NEW HOLLAND, Pa. - The Garden Spot Young Farmers will sponsor a dairy management meeting on January 4, 1977, at 7:30 p.m. in the agriculture classroom of the Garden Spot High School. The purpose of the meeting is to update area dairymen on some of the latest developments in dairy management.

As part of the program, four speakers will discuss topics of concern to dairymen at the present time. Clarence Stauffer from the Holstein Association will speak on registration of grade Holsteins. Stauffer will also update the group on some of the latest information and procedures for dairy sire selection.

Gerald Hess, nutritionist from Young's Minerals, will discuss the "downer cow syndrome" which is caused from high protein levels in milk cows.

Due to the expected emphasis in the near future from dairies to have their producers moniter the temperature of milk in their bulk tanks, Gratz Sult, from C. B. Hoober & Son will present information on temperature recording thermometers. And, working in consultation with N. Alan Bair from the Lancaster County Extension Service, Don Robinson, adult farmer advisor, will present the progress of the DHIA experimentation with a Somatic Cell County Program.

All area dairymen and interested agri-businessmen are invited to attend.

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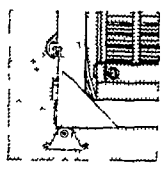

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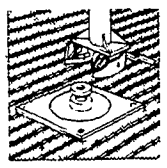

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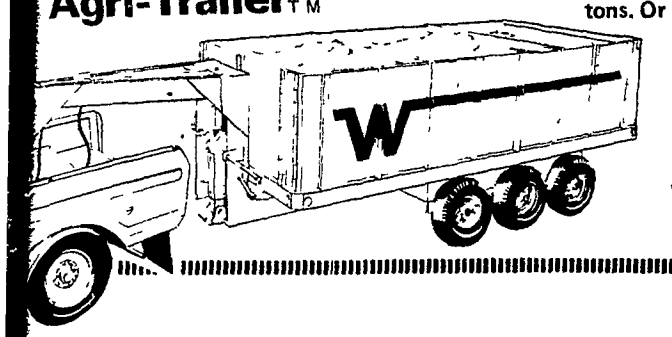

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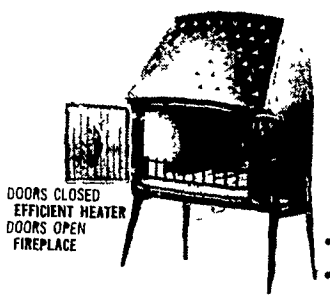

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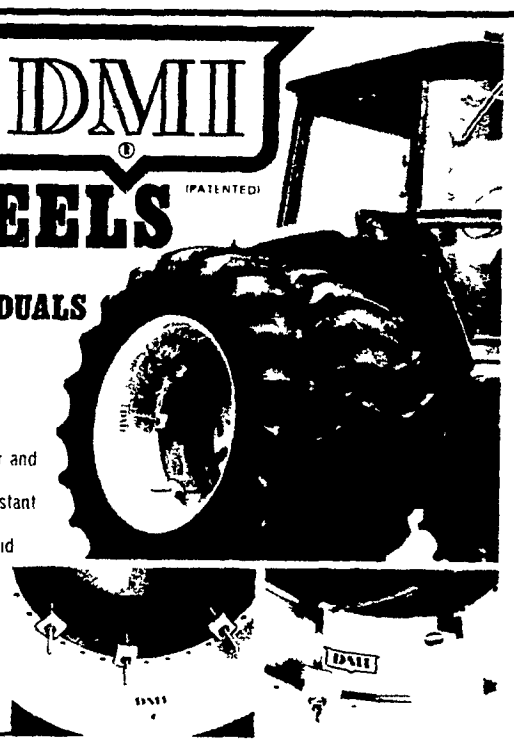

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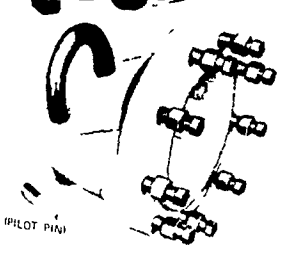

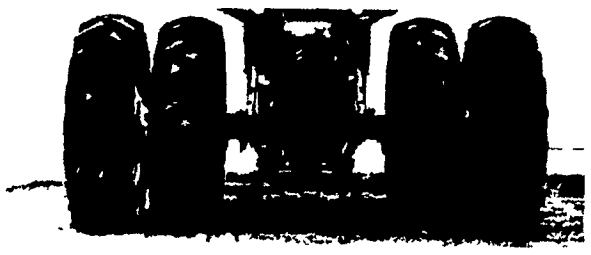

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News - Nutrition

From Pa.'s Dairy Princesses

Prayer for a 5-day cow

By CINDY RUTTER
York Co. Dairy Princess

Hi!

This is Cindy Rutter - York County dairy princess, with a poem I came across the other day while reading a dairy magazine. I have discovered this poem to be very amusing to my audiences during my milk promotion activities.

PRAYER FOR A 5-DAY COW

I long for a cow of modern make,
That milks five days for leisure's sake.
That sleeps of Saturday, snores on Sunday
And starts afresh again on Monday.
I wish for a herd that knows the way,
To wash each other day by day.
That never bothers to excite us
With chills or fever or mastitis.
I sigh for a new and better breed,
That takes less grooming and less feed,
That has the reason, wit and wisdom
To use the seat and flushing system.
I pray each weekend long and clear,
Less work to do from year to year,
And cows that reach production's peak
All in a five-day working week.
I look for officials by the mob,
To guide the farmers at their job,

Cindy Rutter

And show these stupid breeders how
To propagate a FIVE DAY COW.

(Author Unknown)

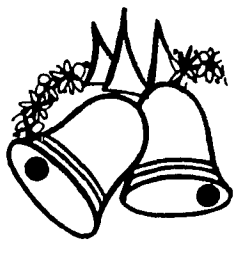
Christmas party held

YORK, Pa. - The Milk and Money 4-H Club recently held its Christmas party at the home of George Knight, York, Pa.

During the business meeting, the group elected officers for the coming year. Those chosen were: Patty Greek, president; James Knight, vice president; Barbara Kilgore, secretary; Cathy Arnold, treasurer; Peter King, news reporter; Annette Walter, assistant.

Trophies were given to the outstanding officer and the outstanding member of the club. Paul Knight received the outstanding member award and Barbara Kilgore received the outstanding officer trophy.

The next meeting of the group will be held on January 12 at the home of the Crowl family.



Winter wheat acreage bucks trend

HARRISBURG, Pa. - Winter wheat sown in Pennsylvania for harvest in 1977 is estimated at 300,0000 acres according to the Crop Reporting Service. Based on the condition of the crop December 1, the 1977 wheat production is forecast at 8.1 million bushels or four per cent below 1976. Rye planted this fall is estimated at 65,000 acres which is equal to a year earlier.

Winter wheat sown in the U.S. for harvest in 1977, totaled 55.8 million acres, three per cent less than last year. This halts the trend of steadily increasing acreage that prevailed over the past six years. Production of the 1977 winter wheat crop, based on December 1 conditions, is forecast at 1,438 million bushels, eight per cent below the 1976 crop. Rye growers seeded 2.9 million acres, one per cent less than last year and the smallest acreage on record.

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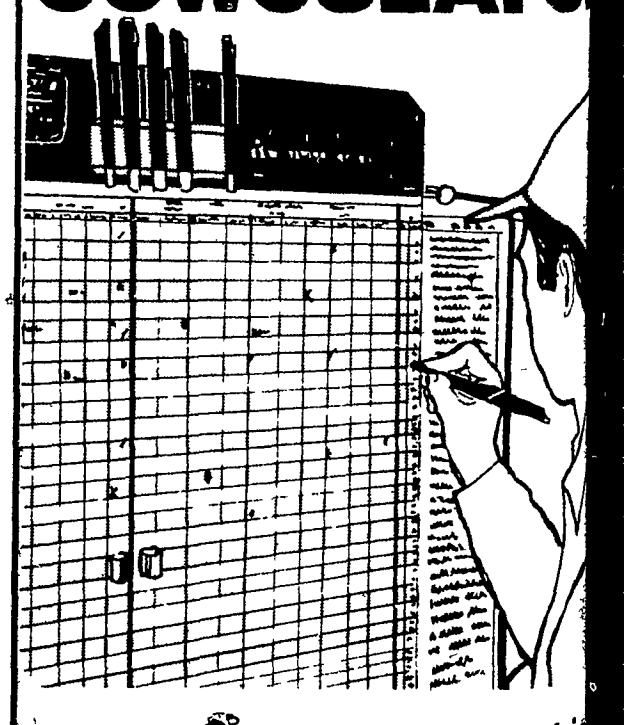

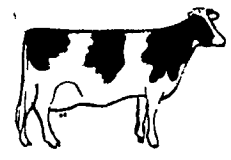

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Earl Geib leads busy life of FFA state officer

OANNE SPAHR
IEIM, Pa. - This Pennsylvania Farm going to mean a lot of for Earl Geib, n R4, even though he er in charge of an ior taking part in any itions. Instead, he e his work cut out for fulfilling his duty as nnsylvania Eastern Vice President of the Farmers of America. the other 10 officers state as well as last president, are ible for the program tate FFA convention will be held in con- with the Farm Show ednesday of that ular week.

"The state convention is the thing we do all year, so we want it as perfect as we can get it," says the amiable 18-year-old farmer. As part of the festivities, Keystone Farmer degrees will be handed out to deserving youth around the Commonwealth as well as honorary Keystone degrees, honorary parent degrees (those having three or more Keystone Degree sons or daughters), 1976 proficiency awards, and several others. (The Keystone Farmers will be published in next week's issue of *Lancaster Farming*.) Geib's designated roll in the program is to introduce the Eastern Region Star Farmer and the individual who has won the regional agribusiness award for the year.

"We're going up Sunday morning at 10 o'clock to usher the elderly people around the buildings," Geib explained. And from then on, the week will be all work for Geib from morning to evening until Wednesday when the program takes place.

To the state officer, who was appointed to his role in June of 1976, this "work" is not tedious, but fun. Prior to this convention, he took part in the national FFA convention in Kansas City, Mo., in November. There he was part of the Courtesy Corps, and also took his turn in the delegate seat.

"I didn't get too much sleep at that convention," he jokes, admitting that although the meetings lasted long, he and his group of friends also managed to have fun when their day was all over - to the point of missing some sleep.

"But, I'd say that the greatest advantages to being a state officer are traveling and meeting people," he explains in vindication of the good times he has. "FFA has meant a great deal to me," he says, "and, I'd encourage anybody to get involved and try for leadership."

But, anyone who has a short chat with Geib is quick to pick up that his enjoyment of FFA is just part of an overall positive view of life in which many things that other people might not allow themselves to fully enjoy are "fun" for him.

For instance, he thoroughly enjoys the Manheim Fair, his home town Fair, because this is the arena in which he shows his hogs and steers. He raises five steers a year - one for 4-H, one for FFA, and the rest for fattening and selling. Of those steers, some of the greatest enjoyment he gets is showing them at Manheim. 1974 was a good year for him - that year he had the reserve champion FFA steer. And, while he likes pigs for their convenience in getting them ready to show, he says working with a steer for a whole year in preparation for a Fair is "fun, too."

His hog operation is another example of his zeal for the things in which he involves himself. While his father raises hogs, beef, tobacco, and grains to feed the animals, the Geib family hog operation had been fairly limited until Earl became interested in it.

"Then, I wanted more and more," he says, "And, now, we've got them in every available space." Geib raises 80 head of his own in a fattening operation. He purchases the animals at 40 pounds and finishes them out. This year he entered his pigs at the Lancaster County FFA hog show where he took third and fifth places.

Although he still works for his father at this point, he does raise hogs, steers, and tobacco on his own, and has hopes of going into partnership with his father in the future. This is one of the few ways Earl sees for a young farmer to get started nowadays, unless the beginner has an abundant supply of money to start with, which is a rarity.

Right now Geib is working part time for both his father and Plain and Fancy Egg Ranch, Elizabethtown. He works at Plain and Fancy on Monday, Wednesday, and Friday, and for his father on the remaining days.

"I'm really lucky," he says, talking about his employers. "The people at Plain and Fancy don't get bothered if I have to take time off, and so far my parents have felt that FFA comes first no matter what needs to be done on the farm."

Geib has needed time off from work several times during his term as officer. Beside the conventions he has attended and will attend in the coming year, he has also taken part in three leadership training conferences. One was held in Lancaster, another in Lehigh, and a third in Delaware-Chester. Usually he takes charge of teaching the vice presidents in these sessions. He will also be attending a state officers' convention in Washington D.C. at the end of January.

Two other responsibilities of the regional vice president are visiting all 19 Lancaster and Lebanon County FFA chapters and going to banquets around the region.

It can get to be a full schedule for a farmer with a part time job, but Geib definitely feels that it is worth all the energy he puts into it.

"I have friends from all over, now," he explains. "And, I've developed both my leadership and speaking abilities because of this."

Prior to being named the regional vice president last June, Geib had held the positions of chaplain, treasurer, and president of his own chapter. He graduated from Manheim Central High School in 1976.

While in school, he received the Outstanding Agriculture Student award in 1975. Just this year, he placed second in the state livestock production proficiency area.

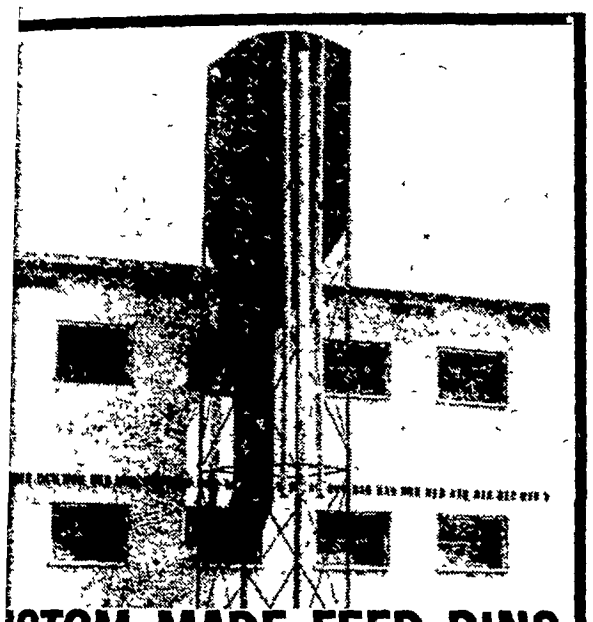
And, while farming is the major part of Geib's life, his outside interests include being a member of a singing group comprised of 12 young people from Chiques Church of the Brethren, Manheim. The group calls themselves the "Joy Boys" and have sung in as many as 15 different places. They accompany themselves with guitar, banjo, and piano.

Geib is active in the church youth group, which he describes as being quite active, itself. The youth get together for activities such as roller scating, caroling, and winter picnics.

So, all in all, Geib is a busy fellow at this point in his life. But, he manages to do it all, and quite happily at that, from all appearances.

"I won't want to see my term end next June," he says, reluctantly looking ahead to the future. "It's meant a lot to me, and I hate to give it up." Fortunately, even when his term expires he will still have three more years to spend in the organization.

Earl Geib puts the tobacco in the press. He and his father and brother are spending a large part of their days stripping right now, a chore which Earl says he really doesn't mind doing.



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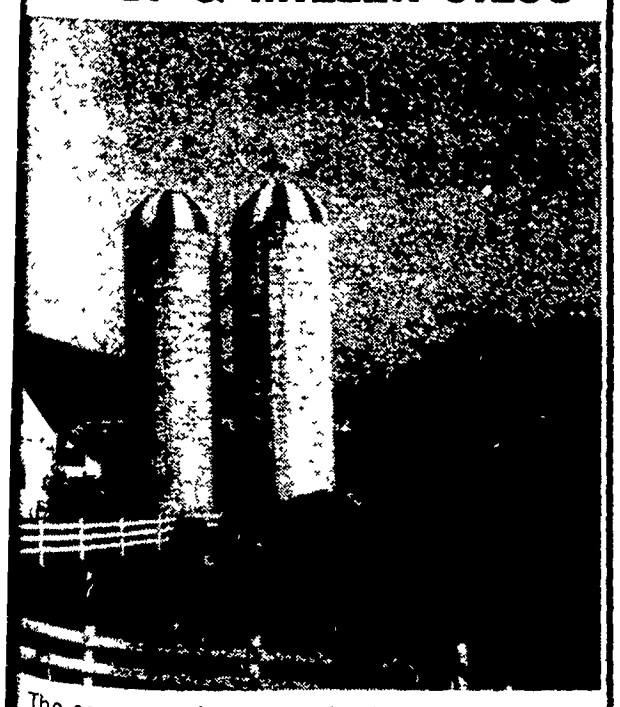

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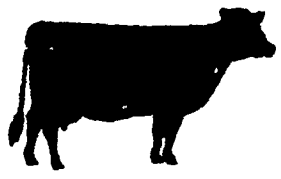

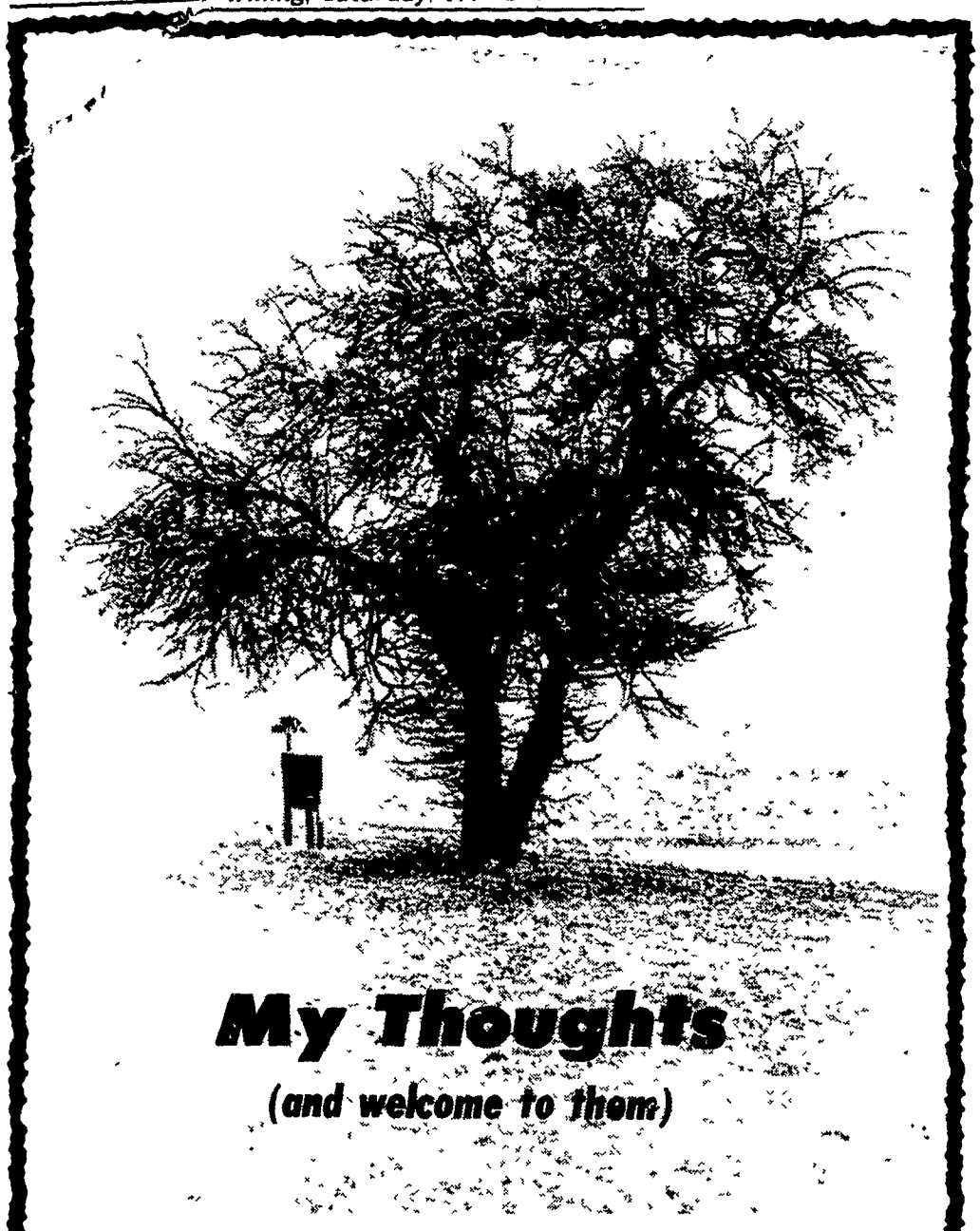

My Thoughts
(and welcome to them)

For the first holiday in my life, I felt like a Scrooge or the Grinch that stole Christmas. Relatives and friends were jumping around screaming, "It's snowing, it's snowing," and there I stood in the midst of all the merriment, biting my lip and rueing the slip-up I'd made earlier in the day when I'd caught myself absent-mindedly humming "White Christmas." Well, maybe I had been dreaming of a White Christmas with every Christmas card I wrote, (which I happened to have finished writing on Christmas Eve), but there were several stipulations which I had forgotten to mention as I hummed along. First of all, the snow had to stay off the roads and walkways, and couldn't turn black with age as cars sprayed exhaust fumes all over it.

But, when the first real snow of the season started coming down on Christmas night, I knew I couldn't have my way
have been only too glad to hold the bag while the Grinch stole all the toys from the Whos in Whoville who had asked for the snow.

Then, Sunday morning arrived, and my family put the topper on the cake by awakening me in the wee hours of the morning, saying, "It's so pretty outside, wouldn't you like to go see it?" "Hardly," I thought. But, I got up anyway and pulled out my camera just in case I'd need it, and went for what I thought would be a short walk

It only took three steps away from the house for me to completely transform to a snow lover Early in the summer I had found a peace and solitude by getting up early and going outside to watch the morning arrive, but I'd never quite experienced such a total peace as I did that morning The snow formed a womb around the farmland and buildings and added a whole new dimension of beauty to the spidery, ghostlike trees in the field as the sun glinted off the layer of white on the branches.

The first thing I thought of was my father coming in from the barn in previous years with the water pipes frozen and the cattle bawling, and the milk truck not being able to reach the farm in the days when we still used cans and a cooler. But, most of all, I had visions of the rural roads staying shut for days as they often do when the roadmen are busy cleaning heavier traversed areas.

How was I going to get to work? And, if I did, how was I going to get to the farms and do stories? Needless to say, at that moment, I completely understood the psychology of Scrooge, and would

I had taken a roll of color film before I realized that all my pictures would simply be white and that the film or the camera could never capture the beauty I was experiencing at the moment.

At the same time, I was again reaffirmed in the belief that farmers have some of the greatest opportunities of all working individuals to experience the awesomeness of nature as they do Snow creates hardships from time to time, but the beauty of the new fallen snow is a sight that is hard to surpass. City and town dwellers are lucky to catch a fleeting glimpse of a layer of new fallen snow on the ground before a merchant sweeps the sidewalk or a city snow plow hurriedly makes way for the bustling traffic

So, regardless of the problems of being snowed in and having trouble with the water pipes, I still think living on a farm adds to the appreciation of the winter season

Hog ID opinions mixed

HARRISBURG - Swine exhibitors at the Keystone International Livestock Exposition held here at the Farm Show Building this month were asked to comment on the desirability of a national identification program for all hogs for the purposes of disease control. All slaughter pigs could be tagged or injected with an identifying capsule under the neck skin.

A national system that would enable traceback from slaughter animals to the farm of origin would be good for the hog industry in the long run, said Doug Weller, a hog producer from Dwight, Ill. Elimination of some of the disease problems would mean more efficiency and therefore more profit.

Mark Stehr, co-owner and assistant manager of the Brooks End Farm, in Beavertown, Pa., also thought that a national program would be valuable enough to pay for at the slaughter-house, as long as packers do not take advantage of producers by condemning carcasses, then using them. Stehr went on to say that government intervention is becoming a problem in the swine industry, however.

"A national identification program would be a tremendous asset, but the bookkeeping would be incomprehensible," said an Extension agent from Penn State. "Thousands of pigs are killed every day - there are over 9,000 hog breeders in Pennsylvania,;' her continued, "and the paperwork involved would make the system awkward and ineffective."

Clyde McConaughey, of Smicksburg, Pa., also felt that the program would be good but too costly, and would result in more administrative tangles in return for too little progress in disease control. He said that if the old vonttol program had been effective, we would have eliminated some of the current disease problems. "Before we institute a new program, we should junk many of the old ones," he said.

"A national identification system would be nice, but you could never get it to work," according to W. F. Ruoss from Lancaster. Cooperation between government sources is critical, since "identification without control is useless."

Several producers said that they thought a national program would make too much information available to the wrong people. In their opinion, government knows enough about existing farm operations now.

John Strawbridge, of Strawbridge and McCleary, in Stewartstown, Pa., felt that too many rules already exist, and over-regulation especially hurts the small packer and producer. A national identification system would simply cost the producer more money.

It would mean extra work and greater costs," said Rob McKissick, of Slippery Rock, Pa. "There's enough going against the hog industry as it is. We don't need anything more."

Preston Bankert, from York agreed that a national identification program would be "too much work for the advantaged." The incidence of disease in hogs is too low, in Bankert's opinion, to justify the expense on every hog.

Swine men at the Keystone International, for the most part, thought a national identification program would be beneficial in disease control, but not be worth the financ effort and time it require. Few producer confidence that the fe government would ficiently carry out su program in the farm interest.

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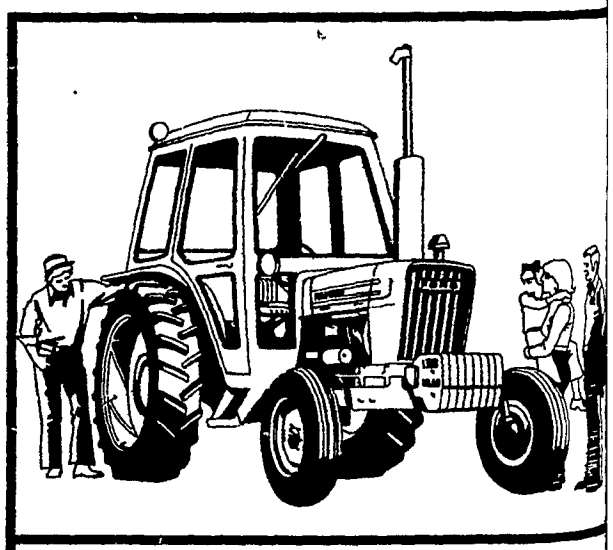

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Why American agriculture is so successful

Individual incentive is the key

EDITOR'S NOTE: The llowing account on "In-vidual Incentive - Key to merica's Greatness," as prepared by William H. alker, III, assistant ecretary for Rural evelopment, USDA.

Two centuries ago, when men and boys took up arms, fought and died for their ideas and their beliefs in the battles of Lexington and Concord, ours was a Nation of farmers. Those courageous farmers, those men of principle, were bold enough to risk their lives and their fortunes by signing the Declaration of Independence, the document which too many of us take for granted today. They did this because they believed in freedom, and they wanted this new land to be a free and independent nation - a nation built and kept strong by such values as individual responsibility and initiative.

In those beginning days, Thomas Jefferson, a farmer himself and one of the founders of our Nation, summed up what makes our system work.

"Agriculture, manufacturing, commerce and navigation - the four pillars of our prosperity - are most thriving when left most free to individual enterprise."

Abraham Lincoln later complemented those words of Jefferson when he said, "You cannot build character and courage by taking away a man's initiative and independence. You cannot help men permanently by doing for them what they could and should do themselves."

Think for a moment about what they said.

Those words of Jefferson and Lincoln are just as true today as when originally spoken, especially as they relate to agriculture. Through the years, those who have worked the land, and those who have lived close to it have set an outstanding example of leadership for the rest of our Nation.

And no doubt when the history of this decade is written, the American farmer will be recorded as the economic superstar and inflation fighter of the 1970's. Nations around the globe envy his productivity, his efficiency and his bountiful harvests. That envy is not without foundation. Based on the latest five-year averages, American farmers feed and clothe over 215 million Americans, export around 60 percent of their wheat, 55 percent of their rice, 50 percent of their soybeans, 40 percent of their cotton, 20 percent of their corn, large amounts of other products and still have on hand vast quantities of commodities in privately-owned storage facilities.

A farmer today produces 53 percent more crops on 6 percent fewer acres than did his father. Also today, one farmworker supplies food and fiber for 56 persons, whereas, a decade ago, he was producing enough for 29 persons, and two decades ago, only 16 persons. Compare this with the Russian farmers who must struggle to produce enough food for 6 persons.

Output per manhour on farms is more than 3 times as high as it was 20 years ago.

Our resources of land and people complemented by our incentive system of free enterprise have made that progress possible.

Export opportunities, along with a policy of letting the market system work without government interferen have enabled our nation to cash in on our ability to produce efficiently. And today - more than ever before - vigorous and growing export markets are essential for the continued prosperity of the American farmer.

Growing world population and a desire for better diets plus vigorous promotion and development efforts have provided new and growing market opportunities for farmers during this decade.

Since 1969, exports of grain have increased more than 160 percent from 30.7 million metric tons to nearly 80 million metric tons in the current fiscal year.

In the same time period soybean exports have increased from 11.3 million metric tons to 19.4 million metric tons.

Cotton exports have increased and continued improvement is expected due to the strong demand for natural fibers.

The 1975-76 market year should see a record 103 million metric tons of American bulk farm commodities moving in the world export trade compared with 50 million metric tons at the end of the last decade.

Since fiscal 1969, the value of those exports has gone from $5.7 billion to $22.1 billion this fiscal year, an increase of 300 percent.

These farm export increases are important to farmers. They are important to all Americans.

Our agricultural exports have played a major part in contributing to a favorable balance of payments for the U.S., in helping keep the dollar strong and in helping us pay for important imports of oil and scores of consumer products. And further, they have played a vital role in contributing to peace in the world by opening up lines of communication, borders and trade with once alienated nations.

Thriving export markets for farm products have been an important factor in permitting the government to end decades of production controls that had been imposed on the farmer.

The American farmer has been freed from 35 years of government farm programs which impaired his immense potential for food production and subjected him to periodic criticism from his city cousins for being paid by the gobernment not to produce Today, the farmer produces for the marketplace, not the government.

Taxpayers no longer have to pay $4 billion annually in subsidies to keep farmers from growing crops. Storage of government-owned grains no longer costs taxpayers $1 million or more a day.

The change in agricultural programs and the dramatic increase in farm exports have provided substantial opportunity for increased production, as farmers have responded to the new market incentives.

All has not been rosy, however.

There has been much clamor about farm exports causing the dramatic increases in food prices. And food prices have increased in recent years - but not because of farm exports.

More than 80 percent of the rise in food prices over the last two years took place after commodities had been sold by the farmer.

The real culprit in the history of increasing food costs is rampant inflation. Higher prices in the supermarket come from higher labor and transportation costs; from more expensive fuel; from increased building and maintenance costs, and from higher taxes.

These costs not only have jacked up the price of groceries, they also have cut deeply into the profits of farmers. Farmers' costs of producing raw food commodities have shot up astoundingly in the past three years.

Farmers, as well as others, must have an opportunity to make an adequate income if they are going to continue producing efficiently. They must be free to make decisions based on price signals from the market place. They mist not be hampered by government interference.

No nation which carries out a policy of disincentives to farmers, a so-called "cheap food" policy, will ever have the efficient, productive agricultural industry that it needs. We must never forget this.

Only farmers produce food, and they can produce it only if they are free to make a profit - if there is incentive to produce.

The American farmer knows why the little red hen quit baking bread.

There seems to be an attitude in this country that the profit system is all wrong. An attitude that penalizes the productive and rewards the idle.

American farmers know the meaning of work, of efficiency - and productivity.

American farmers know that the incentive system - one free of government interference - is what it takes for agriculture to meet its challenges in the years ahead.

Our system of free enterprise, of individual incentive, is the secret of our nation's success.

If our nation is to remain strong, we must all commit ourselves to seeing that this sytem has an opportunity to thrive in the future.

In closing, I'd like to share a story with you that I heard several years ago.

Once there was a young nation struggling in the community of nations to find her place in the sun. For this young country of brave people discovered that freedom is a God-given right. So impressed were they with this belief that they lit a candle to symoblize their freedom.

But in their wisdom they knew that the flame could not burn alone,so they lit a second candle to symbolize man's right to govern himself. A third candle was lighted to signify that the rights of the individual were more important than the

[Continued from Page 56]

A story from my childhood, rewritten to fit these times, illustrates my point:

Once upon a time there was a little red hen who found some grains of wheat while scratching in the barnyard.

"Who will help me plant these grains in order that we may have bread to eat?" she asked.

"Not I," said the goose, "not in my job classification."

"Not I," said the donkey, "I'd lose my unemployment compensation."

"Not I," said the pig, "I'd lose my welfare benefits."

"Then I will plant it myself," said the little red hen.

So she planted the wheat, watered it, and pulled the weeds. When the wheat was ripe, the little red hen asked, "Who will help me harvest the wheat?"

"Not I," said the goose as she swam on the pond.

"Not I," said the donkey. "It's against my principles to work."

"Not I," said the pigs, as he snoozed in the mud.

"Then I will," said the little red hen. And she did.

When the wheat was harvested, the little red hen asked, "Now who will take this wheat to the mill to be ground into flour?"

"Not I," chorused all of her barnyard friends.

"Then I will," said the little red hen. And she did.

When the little red hen returned from the mill carrying the bag of flour, she asked, "Who will bake bread from this fine flflour?"

"Not I, Not I, Not I," chimed in her barnyard neighbors.

"Then I will," said the little red hen. And she did.

Soon the delicous smell filled the barnyard.

Off the pond came the goose.

Out of the barn came the donkey.

Out of the mud came the pig.

"Who will eat this bread?" asked the little red hen.

"I will," cried the goose.

"I will," cried the donkey.

"I will," cried the pig, in exhilaration.

But the little red hen said, "All by myself I planted the wheat and tended it, harvested the grain, had it ground into flour, and baked the bread. And all by myself I am going to eat it."

"Excess profits," cried the goose, the donkey and the pig.

Then a government agent appeared and demanded the bread.

"But I earned it," exclaimed the lit ed hen.

"Exactly," said the agent, "But in our society, the productive workers must provide for the idle."

So the loaf of bread was divided and all lived happily ever after.

But they all wondered why the little red hen never again baked a loaf of bread.

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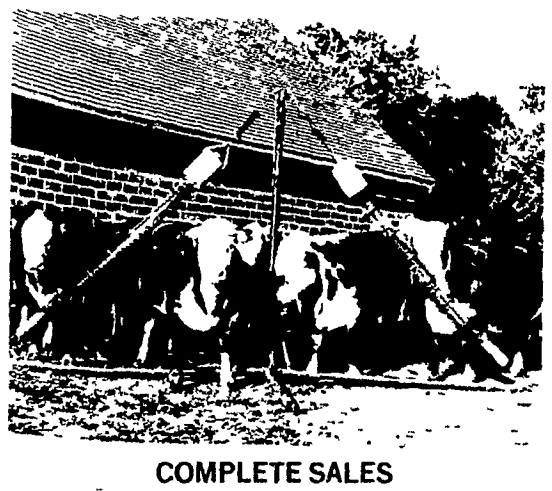

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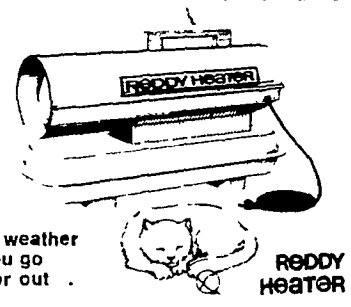

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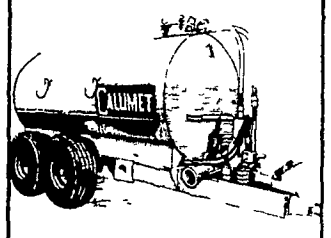

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Training offered in solving public problems

WEST CHESTER, Pa. - A Public Affairs Leadership Workshop is being offered by the Cooperative Extension Services of Chester and Lancaster counties.

In our rapidly changing areas of Southeast Pennsylvania, effective leaadership and citizen involvement in public affairs is a big factor in creating and maintaining wholesome communities. It requires that concerned individuals and community leaders develop skills in leadership and a knowledge of how to help prevent and solve public problems. That is why we are offering this workshop, states Glenn A. Shirk, Chester County agricultural agent.

The Workshop starts with an all-day session on Saturday, January 22, 1977, and it continues for nine consecutive Thursday evenings, Jan. 27 thru Mar. 24. The first two sessions will be conducted at the Thorndale United Methodist Church, and the remaining sessions at the Octorara Area High School, Atglen.

It consists of about 40 hours of instruction, group discussion and role playing. The sessions will be conducted by faculty from Penn State University and other area colleges and universities, plus representatives of government and organizations. There will be ample opportunity for participants to share their experiences and to focus on specific public issues that concern them directly. The event is coordinated with an optional State Government Seminar, that course participants may attend Mar. 27-29.

The Workshop is limited to 40 persons on a first come basis. A participant fee of $35.00 will be collected to cover workshop costs including meals, materials, room rentals and instructors charges. Application deadline is January 12.

For more information and application forms, contact the Chester County Cooperative Extension Service, 235 W. Market St., West Chester, Pa. 19380 (telephone 215-696-3500) or the Lancaster County Cooperative Extension Service, 1383 Arcadia Rd., Room 1, Lancaster, Pa. 17601 (telephone 717-394-6851).

Six farmers, who have conducted outstanding forage programs, have been named Outstanding Grassland Farmer Award winners for 1976. Dr. John E. Baylor, Extension agronomist at Penn State University, left, presents plaques to, from left: Harold Davis, of Huntingdon R2; Ivan Smoker, of Genesee R1; Harold Gayman, of Waynesboro R1, John and Thomas Herbst, of McDonald R4; and Boyd Wolff, of New Alexandria R2. The men were honored at the recent forage, seed, and corn Conference held on the Penn State Campus.

Individual

(Continued from Page 55)

rights of the state. And finally, they lit a fourth candle to show that government should not do for the people those things which the people should do for themselves.

As the four candles of freedom burned brightly, the young nation prospered; and as the nation prospered, the people grew fat; and as they grew fat, they got lazy. When they got lazy, they asked the government to do things for them which they had been doing for themselves, and one of the candles went out.

As government became bigger, the people became littler and the government became all-important and the rights of the individual were sacrificed to the all important rights of the state. Then the second candle went out. In their apathy and indifference they asked someone else to govern them, and someone else did, and the third candle went out.

In the end, more than they wanted freedom, they wanted security, a comfortable life, and they lost all, comfort and security and freedom. For you see, the freedom they wanted most was freedom from responsibility - and Athens ceased to be free, and the Athenians of nearly two thousand years ago were never free again. The last candle was extinguished.

To be an American is indeed a privilege. To live free, however, is a responsibility.

Sure, we can stand back and let the other guy do it We can even let Uncle Sam take care of us, make our decisions, and plot our future.

But that's not the spirit of 1776.

That's not the American Dream.

The American dream is epitomized by those farmers who fired the shot at Concord, by Patrick Henry, by Jefferson and Lincoln, and by generations of American citizens, natural born and naturalized.

It was the American dream that caused our forefathers to push across this vast, new and unknown land, establishing farms and ranches, developing industry, and building towns and cities. It was the pioneering spirit of people willing to work, of people willing to take a chance, of people willing to put their hand to the plow and their shoulder to the wheel that built this nation and made it great.

That's the essence of the American dream.

That's the American spirit.

In 1976, it is that same spirit that must keep her great, for this generation and generations to come.

Lehigh Valley Coop to produce ice cream specialty products

ALLENTOWN, Pa. - Lehigh Valley Cooperative Farmers and Eskimo Pie Corporation have finalized an agreement putting the Allentown based dairy cooperative into large volume production of ice cream specialties and novelty products with capacity for up to $10 million annually in sales. Announcement of the agreement was made today by Robert P. Barry, Lehigh president.

Under terms of the agreement, Lehigh's Allentown plant will become a production center for the popular frozen items for distribution under both the Eskimo Pie and Lehigh labels.

Installation of manufacturing equipment and physical improvements to enable the Allentown plant to produce the entire Eskimo Pie product line is currently underway. The expansion program is scheduled for completion in January.

A production volume of approximately six million dozen items is anticipated, accounting for the estimated $10 million in sales, Barry said.

For the Lehigh Cooperative, which has been distributing frozen novelty items on a limited scale, the new arrangement provides an excellent potential profit center, Barry stated.

"It also assures another outlet for excess milk for the Cooperative's member producers," he said.

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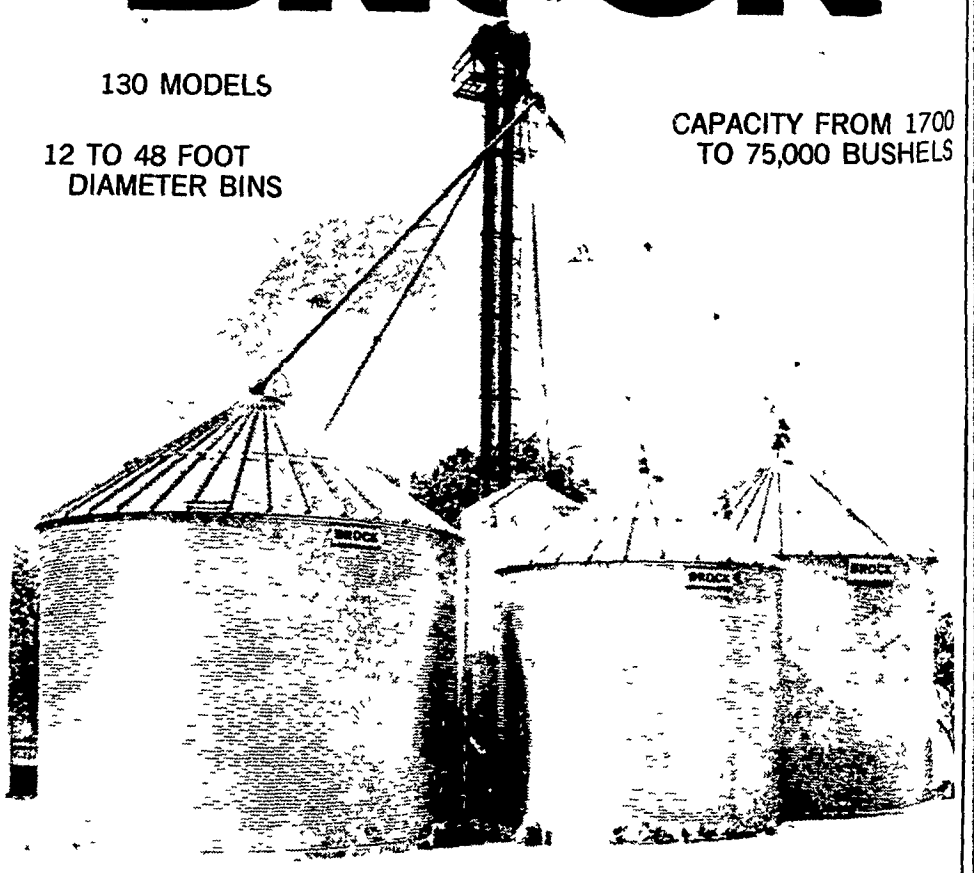

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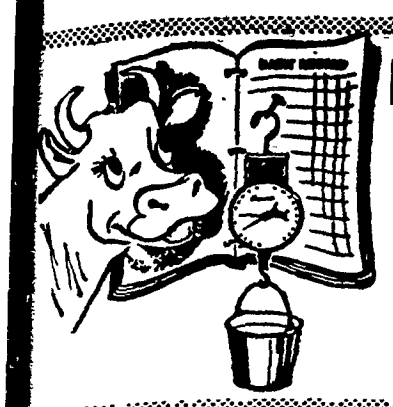

Lancaster COUNTY DHIA MONTHLY REPORT

A registered Holstein owned by J. Z. Nolt, Leola, completed the highest 305 day lactation. Hettie produced 24,322 pounds of milk, 956 pounds of butterfat with a 3.9 per cent test. Second high lactation was completed by a registered Holstein owned by Naaman W. Stoltzfus, Kinzers. Jammy produced 25,961 pounds of milk, 950 pounds of butterfat with a 3.7 per cent test in 305 days.

The herd of Curtis E. Akers, Quarryville, had the highest daily butterfat average. This herd of 60 registered and grade Holstein cows averaged 54.4 pounds of milk, 2.11 pounds of butterfat with a 3.9 per cent test. The herd of Jonas E. Zook, Quarryville, placed second. This herd of 37 registered and grade Holstein cows averaged 53.4 pounds of milk, 2.07 pounds of butterfat with a 3.9 per cent test.

OWNER — BARN NAME / BREED	AGE YR — MO	DAYS IN MILK	MILK LBS	FAT	FAT LBS
J. Z. Nolt					
Hettie RH	6-7	305	24,322	3.9	956
Lass RH	4-3	305	21,506	3.9	835
Lady RH	4-4	305	19,918	3.8	765
Elsa RH	2-2	305	18,343	3.6	654
Naaman W. Stoltzfus					
Jammy RH	8-3	305	25,961	3.7	950
Janice RH	4-8	305	18,782	3.9	737
Lenewood Farm					
Liz RH	6-5	305	25,269	3.7	945
Marilyn RH	3-0	304	19,330	3.7	716
Pearl RH	7-3	305	18,031	3.8	682
John M. Harnish					
Gladys RH	6-7	305	25,131	3.7	926
Sonya 2 RH	4-6	305	19,712	3.8	754
Beatrice RH	5-7	305	18,447	4.1	754
Kitty RH	5-2	305	21,191	3.5	752
Mae RH	3-6	305	18,757	3.8	705
Rosanna RH	4-4	305	23,492	2.9	686
Gay RH	6-5	305	20,068	3.4	685
Lora RH	2-5	304	14,368	4.6	666
Rufus G. Martin					
12 RH	6-2	305	23,636	3.8	905
27 RH	2-0	305	17,814	4.2	757
Lancaster Mennonite Hospital Farm					
Uawn 39 RH	5-1	305	23,477	3.8	898
Sidy 106 RH	7-1	305	19,488	4.2	826
Xawn 62 RH	2-0	305	18,407	3.9	722
Xidy 49 RG	2-0	305	18,331	3.7	673
J. Mowery Frey					
Apollo RH	5-11	305	22,896	3.9	884
Ronda RH	4-4	305	18,578	3.7	680
Jay C. Garber					
Lieatsy RH	4-2	305	22,590	3.9	878
L. Idlee RH	4-11	305	25,027	3.5	874
Leyarta RH	4-7	305	20,935	3.9	817
Nlizazr RH	2-5	305	16,901	4.0	680
Marvin Reed					
24 GrH	5-2	305	24,766	3.5	877
Belinda RH	7-6	297	15,848	4.5	716
Marcie RH	7-5	305	17,621	4.0	709
Linda RH	4-0	288	16,788	4.0	675
Curtis E. Akers					
Sally RH	8-2	305	22,849	3.8	876
Pandora RH	4-0	302	19,621	3.6	701
Robert H. Kauffman					
Rose RH	7-3	305	19,214	4.5	873
Galen W. Crouse					
Rich RH	6-4	305	24,975	3.5	872
Belle RH	4-7	305	22,435	3.7	835
Sadie RH	10-0	305	21,367	3.9	833
Orpha RH	4-4	305	22,802	3.4	768
Serena RH	4-2	305	24,920	2.9	732
Sevens RH	8-8	305	19,760	3.6	709
Bess RH	3-6	305	21,343	3.3	694
Karen RH	1-11	305	21,842	3.1	679
Astra RH	3-7	305	22,440	3.0	675
James L. High					
Champon RH	10-8	305	22,329	3.9	867
Rose RH	4-8	305	21,915	3.8	829
Maggie RH	6-0	301	19,686	4.2	818
Ben S. Stoltzfus					
Della RH	6-4	305	21,225	4.1	865
Linda RH	7-7	305	18,921	4.0	752
Jay L. Ranck					
Lily RH	4-3	305	20,573	4.2	855
Jamie RH	5-6	305	19,044	3.9	745
Rachel RH	4-0	305	14,317	4.6	662
J. Mowery Frey Jr.					
Gloria RH	4-3	305	23,132	3.7	848
Ralinda RH	2-11	297	18,505	4.2	775
Govrnes RH	4-9	305	21,586	3.6	770
Rochele RH	10-9	305	17,036	4.3	741
Alnat RH	4-10	272	14,606	4.8	696
Calvin D. Beiler					
Esta RH	4-8	305	23,133	3.7	847
Symbol RH	4-1	305	18,095	4.3	787
Roxann RH	4-5	305	19,190	3.8	726
Omar S. Kauffman					
Princess GrH	4-8	305	21,879	3.9	846
Deborah RH	7-7	305	18,791	3.8	721
John E. Kreider					
Florence RH	5-7	305	23,774	3.6	845
Bertha RH	9-8	305	21,686	3.7	803
Beezy RH	9-1	305	16,464	4.2	694
Leslie RH	6-8	305	18,165	3.7	665
Elam P. Bollinger					
Promise RH	6-4	305	20,134	4.2	842
Sam & Allen Kreider					
Hattie GrH	7-11	305	21,094	4.0	841
Delores GrH	5-5	305	17,712	4.2	741
Miranda GrH	5-3	305	18,697	3.8	703
Sarah GrH	4-1	305	19,194	3.5	674
Kenneth A. Skiles					
Eel GrH	4-5	305	21,174	4.0	840
Joseph C. Wivell					
Donna GrH	6-3	305	20,928	4.0	834
Misty GrH	3-5	305	17,799	4.5	802
Delpha RH	6-11	305	18,283	3.9	710
Dinah RH	4-3	305	17,988	3.9	704
Rose GrH	5-3	287	16,508	4.0	663
Fay GrH	4-3	305	16,880	3.9	659
Dan S. Stoltzfus					
Melody RH	4-0	300	21,698	3.8	828
Belle RH	6-3	305	19,265	4.1	786
Josie RH	4-5	299	18,778	4.0	758
Ding RH	3-3	294	17,763	4.0	709
Nathan E. Stoltzfus					
Felicia RH	4-5	305	20,858	4.0	828
Titus B. Stoner					
Penny RH	7-1	305	20,891	3.9	822
Ivan Zook					
9 GrH	6-6	305	21,284	3.9	820
Allan R. Shoemaker					
Ilene RH	6-5	305	20,841	3.9	815
Adin Oberholtzer					
Dona RH	5-4	305	18,963	4.3	814
Poppy RH	6-5	305	17,823	4.1	728
Rose GrH	4-3	305	16,462	4.3	713
Cindy RH	6-3	304	17,789	3.9	689
R. Edwin Harnish					
Marsha RH	4-1	295	20,523	4.0	812
Pam RH	3-10	305	16,994	4.6	780
Lisa RH	3-3	305	16,626	4.2	696
Nora GrH	3-0	305	17,252	3.8	657
Roy H. & Ruth H. Book					
Edith RH	7-6	304	18,843	4.3	809
Jessica RH	6-10	305	20,712	3.6	745
Barb RH	5-9	305	20,453	3.6	745
Beauty RH	5-11	301	18,286	4.1	744
Ben K. Stoltzfus					
Jane RH	4-2	305	20,917	3.9	808
Joseph DeLong					
12B GrH	4-2	305	17,290	4.6	801
Russel L. Kline					
Burke RH	3-2	305	22,693	3.5	799
25 RH	3-0	305	16,958	4.2	717
Molly RH	3-2	303	15,194	4.3	652
Harry S. Aungst					
Jenny RH	4-9	305	19,150	4.2	798
Paul S. Horning					
Hornet GrH	3-4	305	17,176	4.6	793
Joy GrH	7-10	306	16,956	4.0	674
Enos Buckwalter Trust					
50 RH	8-2	305	18,073	4.4	792
George R. Baltozer					
10 RH	6-11	305	19,818	4.0	790

[Continued on Page 58]

Fund raising discussed

LANCASTER, Pa. - Earlier this month the Lancaster County Junior Holstein Club directors met at the Farm and Home Center to discuss fund raising projects. A semen raffle was decided upon to be held in July 1977. The group plans to purchase three or four amples of semen to be raffled off, with first second, third and fourth prizes.

The directors of the club, chosen prior to the meeting are: Lowell Brubaker, president; Linda Kauffman, vice president; Joyce Stoltzfus, secretary-treasurer; Richard Mellinger, newsreporter; and Phil Crouse, Kerry Boyd, Gary Welk, John Weiler, and Dave Reath, members.

The group is seeking feedback on their decision.

Human Error Causes Many Farm Accidents

It is important to solve emotional problems before going to work when you are using farm machinery. Avoid excessive fatigue by taking frequent short rests and know your machinery thoroughly so that the operation is natural and easy, suggest Extension agricultural engineers at The Pennsylvania State University.

Dust and Dirt Hard on Heating Systems

Dust and dirt are enemies of heating systems. Clogged filters in hot air systems can waste heat and may even stop a system from delivering enough heat to keep the house warm. Be sure to change or clean filters according to manufacturer's recommendations.

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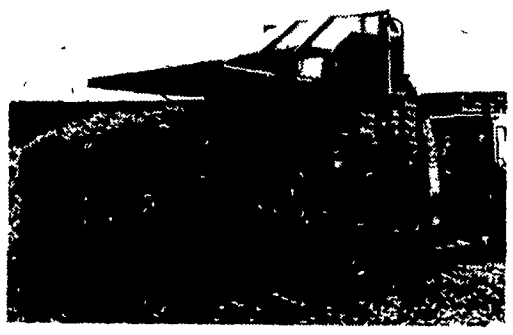

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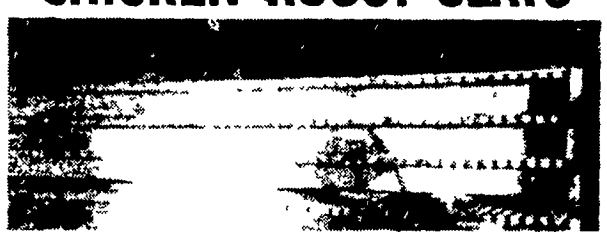

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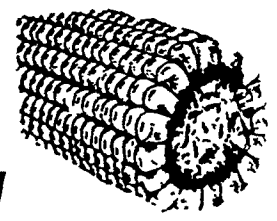
Lancaster Co. DHIA

(Continued from Page 57)

John N. Shirk						
186	GrH	6-0	305	20,784	3.8	789
16	GrH	5-2	305	19,559	3.6	713
Melvin R. Eby						
Marie	RH	6-5	305	22,239	3.5	788
C. Witmer Sherer						
Karla	RH	7-2	305	22,470	3.5	784
Lavina	RH	6-1	305	18,549	3.6	667
Glenn P. Book						
Strlite	RH	3-4	305	19,646	4.0	782
Betty	RH	6-0	305	17,715	3.8	665
Abram M. Stoltzfus						
Humpy	GrH	6-3	305	19,724	4.0	781
Marge	RH	3-10	305	19,362	3.9	763
Earl S. Weaver						
Susie	GrH	4-1	305	20,516	3.8	777
Naty	RH	4-6	305	21,175	3.5	751
Anne	GrH	5-4	305	19,067	3.9	741
Nelson E. Martin						
Jackie	RH	4-3	305	20,254	3.8	775
Ray P. Bollinger						
Helen	RH	4-2	305	21,241	3.6	774
Hazel	GrH	6-2	305	19,414	3.7	716
J. Robert Kindig						
Helen	RH	5-5	305	16,477	4.7	774
Christian Zook						
Ada	RH	6-2	271	19,328	4.0	773
Joyce	RH	6-5	288	15,587	4.4	685
Martha	GrH	7-10	291	19,090	3.5	664
Jonas E. Zook						
Fannie	RH	5-5	305	22,580	3.4	771
Glenda	RH	3-7	305	18,302	3.6	655
John L. Landis						
40	GrH	4-2	305	19,782	3.9	771
126	GrH	4-2	305	19,925	3.7	729
John Omar Stoltzfus						
Maggie	RH	4-3	305	19,656	3.9	771
Linn	RH	7-2	305	20,214	3.7	752
Anna	RH	10-10	297	17,564	4.2	737
Tuula	RH	6-8	303	16,517	4.4	728
Capsule	RH	3-1	305	17,789	4.1	724
Karla	RH	4-3	305	21,327	3.4	715
Elam B. Rutt						
Gail	RH	6-4	305	25,448	3.0	770
Rose	RH	5-9	305	24,396	3.1	752
Sheila	RH	3-5	305	15,588	4.2	653
John K. Stoltzfus						
Tweet	RH	6-2	305	21,867	3.5	770
Galaxy	RH	5-7	305	19,664	3.8	747
Kathy	RH	5-10	305	18,636	3.7	694
Henry F. Zeiset						
38	GrH	3-11	305	19,019	4.0	767
52	GrH	6-2	283	18,784	3.7	703
Springarden Farm						
Irene	RH	8-3	305	20,099	3.8	766
Ann	RH	4-7	305	17,605	4.3	755
Debbie	RH	6-3	305	19,736	3.4	677
Irene H. Sauder						
Peg	RH	4-4	305	19,866	3.8	763
Abraham Shelly Jr.						
Inka	GrH	4-2	305	22,945	3.3	760
Don Ranck						
44 Glori	RH	7-2	305	20,046	3.8	760
Paul & Norman Sauder						
Rockete	RH	5-6	295	16,656	4.6	760
Donna	RH	4-3	305	18,683	3.5	652
Marvin Reiff						
Beaut 35	RH	7-2	305	21,765	3.5	756
Julie 37	RH	6-1	305	18,683	3.7	695
Carol 8	RH	4-1	305	19,619	3.4	674
Simeon M. Stoltzfoos						
Bonita	RH	8-10	305	18,240	4.1	756
Candy	RH	4-2	305	21,306	3.4	722
Abraham S. King						
Suvine	RH	6-4	305	18,255	4.1	753
Lass	RH	5-3	305	19,984	3.6	713
Clyde M. Buchen						
198 Naom	RH	6-3	305	18,928	4.0	750
Glad 260	RH	4-8	305	17,730	3.7	659
James L. Kreider						
96	GrH	4-4	305	17,429	4.3	750
31	GrH	5-2	305	19,825	3.3	661
C. Rcihard Landis						
Gerban	RH	8-5	305	16,825	4.5	750
Willis M. Marcin						
Dolly	RH	8-10	305	16,232	4.6	749
Sun Crest Farms						
55	RH	3-11	301	17,160	4.3	746
Earl N. Landis						
Galaxie	RH	7-0	295	20,351	3.7	745
Jay E. Landis						
Lurosa	RH	3-5	305	19,673	3.8	745
Babe	RH	6-6	305	19,728	3.8	740
David L. Landis						
Gerry	RH	4-6	305	21,168	3.5	740
Belle	GrH	5-2	305	21,125	3.2	680
Mervin Sauder						
Prince	GrH	6-11	305	19,002	3.9	740
Melvin L. Shertzer						
Glenda	RH	5-10	305	18,332	4.0	739
Robert L. Shelly						
Gerry	RH	5-4	305	19,128	3.9	737
Amos B. Lantz						
Debbie	RH	4-7	305	26,108	2.8	735
Count	RH	4-0	305	23,216	3.0	689
Glenn C. Hershey						
Lulu	RH	6-0	305	20,919	3.5	735
Ronald & Kathryn Kline						
495	RH	7-8	305	19,400	3.8	735
37	GrH	5-1	305	17,659	4.0	704
Henry S. DeLong						
1	RH	8-9	305	18,455	4.0	735
Carl G. Troop						
Skokie	RH	8-4	305	22,608	3.2	732
Maxine	RH	5-10	280	17,068	3.9	672
Molly	RH	8-8	296	16,597	4.0	664
C. Robert Greider						
Nanette	RH	4-4	305	19,500	3.8	732
Fay	RH	4-0	295	18,814	3.5	667
James F. Myer						
King	RH	5-2	305	17,421	4.2	732
David W. Bitler						
Tammy	RH	7-3	305	22,889	3.2	730
J. Harold Musser & Son						
38	GrH	6-6	298	19,252	3.8	730
Maurice F. Welk						
Blossom	RH	8-10	305	18,932	3.8	728
Quelletal Farm						
58	RH	7-7	305	17,205	4.2	728
Bonny 11	RH	4-6	305	20,185	3.5	705
Arthur D. Wenger						
Rachel	RH	7-5	269	20,388	3.6	727
Masonic Homes Farms						
Hial 145	RA	4-6	305	20,037	3.6	727
FL Jane	RA	5-10	305	13,985	4.7	657
George M. Hurst						
Ruby	RH	4-2	305	17,185	4.2	726

(Continued on Page 59)

More farmers each month prefer to buy their



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• HAY • STRAW

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"America's Oldest"

PARADISE, PA.

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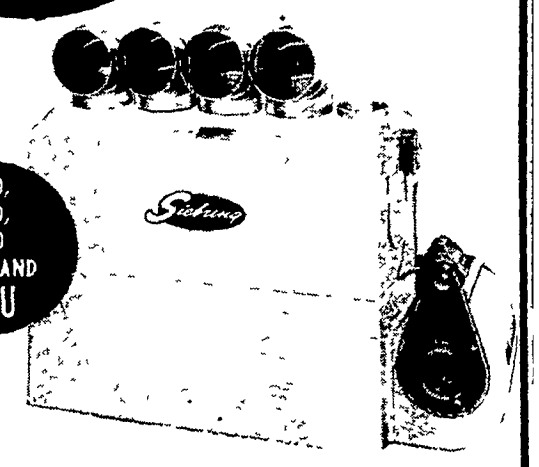

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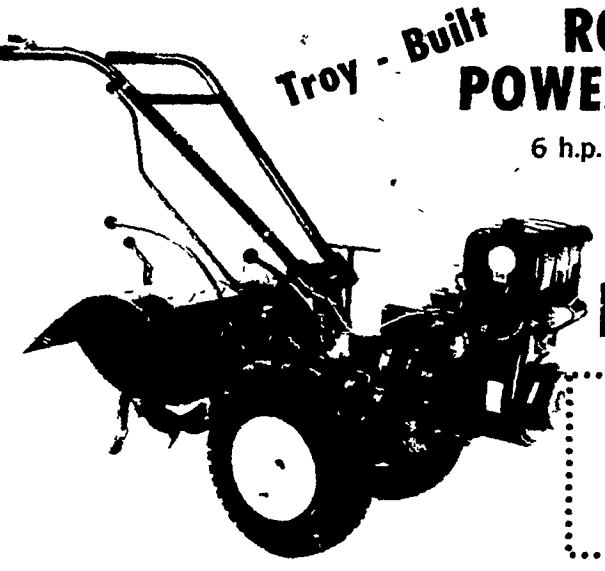

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- Hog Pens
- Sheep Stables
- Dog and Cat Kennels
- Chicken Houses
- Other damp areas

See your local dealer

MARTIN LIMESTONE INC.

Lancaster Co. DHIA

(Continued from Page 58)

Clair L. Hoover						
51	GrH	4-9	305	16,155	4.5	726
7	GrH	8-11	305	18,326	3.7	682
Daniel W. Fox						
Bell	GrH	5-3	305	19,747	3.7	724
Edgefield Farms						
Grace	RH	3-0	305	21,079	3.4	722
Netti	RH	6-3	280	18,153	3.9	702
Alice	RH	6-8	305	19,002	3.6	686
Laddie	RH	3-5	305	21,470	3.2	678
Joan	RH	3-2	305	19,494	3.3	650
Harvey E. Heller						
34	GrH	5-2	305	17,856	4.0	722
55	GrH	5-7	305	21,662	3.0	656
Paul H. Rohrer						
43	GrH	9-11	305	18,422	3.9	721
46	GrH	5-4	305	17,875	3.8	684
Ellis D. Kreider						
80	GrH	4-8	305	19,083	3.8	717
70	GrH	4-11	305	16,408	4.3	700
85	GrH	3-7	284	17,656	3.8	665
Earl E. Martin						
Kay	RH	3-7	305	18,284	3.9	717
Daisy	RH	3-2	299	15,536	4.4	676
Abram & John Barley						
257	RH	5-6	303	21,038	3.4	716
198	RH	6-1	288	20,275	3.4	696
296	RH	4-1	277	19,029	3.6	694
169	GrH	4-1	289	18,372	3.7	678
Albert E. Fry						
Dorcis	RH	6-3	305	18,941	3.8	716
Hiram S. Aungst						
Linda	RH	5-3	305	18,271	3.9	715
Glen D. Hershey						
Connie	GrH	6-1	305	18,871	3.8	714
David W. Sweigart						
Dolli 49	GrH	3-11	305	17,188	4.2	714
S 96	GrH	3-10	305	14,577	4.7	680
John P. Lapp						
Celina	RH	5-4	305	20,455	3.5	713
Isabelle	RH	5-10	301	17,869	3.8	674
William J. Aaron & Son						
Susan	GrH	3-0	305	17,391	4.1	713
Andrew G. Miller						
Jan	RH	6-0	305	19,973	3.6	711
Ding	RH	3-2	305	18,883	3.5	657
S R. Shellenberger						
Zela	RH	5-4	305	18,061	3.9	709
Joseph W. Best						
47	GrH	4-7	305	17,769	4.0	709
34	GrH	7-5	272	17,614	3.8	675
83	GrH	4-2	305	18,015	3.6	655
Kenneth G. Groff						
Blackie	GrH	6-11	305	19,361	3.7	707
Spring	RH	3-5	256	16,339	4.3	698
Nancy	GrH	7-9	305	19,505	3.5	685
J. Richard Boll						
153	GrH	3-9	305	19,517	3.6	704
Birdie	RH	8-6	305	19,907	3.5	703
Audrey	RH	5-9	305	17,968	3.8	687
J. Carl Zander						
Lois	RH	8-7	305	17,987	3.9	703
Dee Dee	RH	8-3	305	17,778	3.7	660
Britain Acres Farm						
123	RH	3-3	305	21,790	3.2	702
Parke H. Ranck						
Ethel	RH	6-0	290	15,101	4.6	702
Willis S. Nolt						
51	RH	4-6	301	20,245	3.5	701
Nathan G. Stoltzfus						
Kitty	RH	8-5	305	18,415	3.8	701
Henry & Paul Martin						
Lucky	RH	3-2	305	16,671	4.2	701
Paul N. Brubaker						
87	RH	7-4	305	18,095	3.9	700
Harold L. Weiler						
Ann	RH	5-10	304	17,645	4.0	700
Stephen J. Stoltzfus						
Franny	RH	6-2	305	17,109	4.1	699
Paul D. Trimble						
Etta	GrJ	4-9	305	13,335	5.2	699
Paul H. Hursh						
138	GrH	7-5	305	20,002	3.5	697
67	GrH	3-5	298	15,611	4.3	666
J. Henry Stoltzfus						
21	GrH	6-2	305	16,270	4.3	696
Spangler Brothers						
Ellen	GrH	6-8	305	17,520	4.0	695
Becky	GrH	8-11	305	17,150	4.0	688
W. Eugene Witwer						
Janie	RH	4-9	305	16,594	4.2	695
Glenn E. Burkholder						
Sarah	RH	4-0	305	17,379	4.0	694
Robert W. Ulrich Jr.						
Molly	GrJ	6-2	305	14,481	4.8	694
Samuel F. Long						
Inky	RH	3-0	301	19,073	3.6	692
Topper	RH	4-10	305	19,475	3.4	660
Allen Lee Stoltzfus						
Eclipse	RH	3-0	305	16,095	4.3	692
Paul W. Zimmerman						
71	GrH	5-4	305	19,995	3.5	690
77	GrH	4-3	305	18,289	3.6	661
Triple H. Farms						
23	GrH	6-11	305	19,611	3.5	689
Harry M. Brenneman						
Dotty	RG	6-6	305	12,897	5.3	689
David S. Smucker						
Lakes	RH	5-4	305	20,960	3.3	688
Marvin K. Witmer						
Beth	RH	5-4	305	18,433	3.7	688
P. Robert Wenger						
Pastel	RH	6-3	305	17,194	4.0	684
Furry H. Frey						
Gertrud	RH	4-2	305	15,621	4.4	683
Christian M. Hess						
Connie	GrH	6-3	299	20,933	3.3	682
Earl L. Hershey						
241	RH	2-3	305	18,911	3.6	682
231	RH	3-1	305	16,311	4.2	681
Clair M. Hershey						
Liza	RH	4-7	305	18,555	3.7	682
Dorinda	RH	4-1	305	17,261	3.8	655
Robert & Joyce Wagner						
Bopeep	RG	7-2	305	14,321	4.7	680
Edgefield F'arm No. 2						
Kath	RH	2-7	305	18,281	3.7	679
Henry E. Kettering						
Fobes	RH	3-5	305	20,162	3.4	678
Raymond M. Weaver						
98	RG	6-2	288	18,780	3.6	678
Paul D. Welk						
Debbie	RH	5-10	305	18,007	3.8	678
Rhelda & Lynn Royer						
Jo Jo	RH	3-3	305	14,808	4.6	678
Martin N. Heisey						
Milky 18	RH	3-7	305	19,366	3.5	677
A. Dale Herr (Holstein)						
77	GrH	6-6	305	17,279	3.9	676
Mar Mulldale Farms						
Mellie	RG	4-11	305	12,919	5.2	676
J. Eby Hershey						
Renea	RH	4-2	305	18,469	3.7	675
Collen	RH	3-2	305	18,041	3.6	651
Thomas C. Lapp						
Charm	RH	8-6	302	17,232	3.9	675
Glenn H. Shenk						
Raven	RH	5-11	305	18,976	3.6	674
G. M. Weaver						
Susie	GrH	6-2	305	22,635	3.0	672
Henry B. Leaman						
Peta	RH	4-11	305	18,515	3.6	672
John O. Stoltzfus						
Daisy	RH	6-2	305	19,081	3.5	668
J. Kenneth Hershey						
Grace	RH	7-2	305	18,321	3.6	668
Romella Farms						
Grace	RG	6-4	305	14,800	4.5	668
Sunshine	RG	7-8	294	12,244	5.4	657

(Continued on Page 60)

Facts for dairymen

By Alan Bair

Assoc. County Agent
Lancaster, Pa.

END OF YEAR ODDS AND ENDS

As a Christmas present to myself I decided to clean off my desk and give some organization to my office. The results may not be immediately apparent; but, I did run across some lists of information that I don't know were to file, but you might find useful. If you use them, I won't have to file them!...

Item - one 3-½ by 5 inch card with the word "lice" written on it. Lice and barn itch can cause a *lot* of discomfort to dairy cattle in the wintertime. Most cows in Pennsylvania would benefit from a treatment with coumaphos or ciodrin during the winter to keep down the discomfort. You don't have to wait until the hair falls out and cows scratch themselves open to treat. In all likelihood, a thorough treatment would cut down on the number of "dancers" at milking time.

Item - Milking School Registration Form. We will be holding another milking school in Lancaster on January 18-19, 1977. As a result of our schools these last two winters, you asked for this one. I already gave out the registration form, but you can enroll by sending me your name, address, telephone number and a five dollar check made out to "Extension Service". You do not have to be a Lancaster County Dairymen to enroll - All you need is time to be in Lancaster from 9:30 a.m. - 3:00 p.m. on those days, five dollars, and the will to be a better milker. The secretaries tell me we have one strange applicant with a funny name and a far north address. How do you milk a reindeer? Ask Steve Spencer.

Item A - A listing of DHIA averages for the last 36 years. Most of you are doing qute a job out producing milk! In 1940 the Lancaster County DHIA average was only 9,344 pounds of milk - in 1976 it was 13,762 pounds. What does the future hold? I think we are only just beginning - your achievement and efficiency will only get better. Yes, your costs of production are going up rapidly; but, in the last year alone, value of product over feed cost rose more than $200 per cow. Better buy the wife a new coat for Christmas; it's cold and those cows need attention!

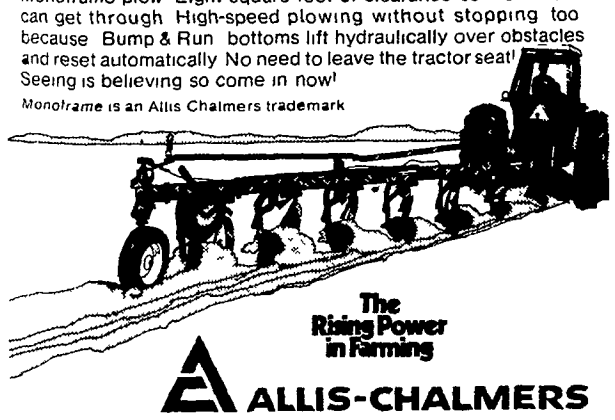
Item - List of teat dips. *Teat dips have been proven* to be effective in keeping down the incidence of new *mastitis cases in the dairy* herd. The National Mastitis Council did some testing and came up with an approved listing. If your teat dip is not on the list, you're missing the boat. Also, remember: keep it fresh - no 30 gallon drums or several cases sitting around don't let it freeze - the pH may go down-down-down-ouch; and, start over with fresh material each day. Yes, DIP, not spray, seems to be more effective. If you don't have the listing, I have an extra one.

Item - A big pile of feeding program recommendations from PSU. Many of your neighbors are realizing how profitable forage testing and feed programming can be. These on my desk won't do you much good, but with a little effort on your part you could have one specifically tailored to you and your *cows' needs. And, how about* this! Your DHIA supervisor will even help fill out the simple form. Such a deal at such a price!

Thanks so much for taking these items from my desk. That gives me a fresh start for the new year, and I hope it does the same for you.

Design a plow with a big 3-foot clearance between bottoms increase the width of the furrow to 18 inches make the stub beam longer Happy result the Allis-Chalmers 2000 Series *Monoframe* plow Eight square feet of clearance so more trash can get through High-speed plowing without stopping too because Bump & Run bottoms lift hydraulically over obstacles and reset automatically No need to leave the tractor seat! Seeing is believing so come in now!

Monoframe is an Allis Chalmers trademark



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DES MOINES IOWA

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LOCAL DISTRIBUTOR

BIRD-IN-HAND Phone Lanc. 397-0751

Lancaster Co. DHIA

(Continued from Page 59)

OWNER – BREED		NO COWS	COW DAYS IN MILK	LBS MILK	FAT	LBS FAT
John H. Hershey						
Tammy	RH	4-0	285	16,626	4.0	666
Luke L. Martin Jr.						
Sally	RH	3-9	305	18,910	3.5	665
Paul E. Martin						
Ada	RH	6-2	267	16,635	4.0	664
John S. Wenger						
Lill 51	RH	1-9	305	15,094	4.4	663
Dan L. Stoltzfus						
Honey	RH	4-9	274	14,941	4.4	663
Clyde W. Martin						
Tilda	RH	4-10	305	21,182	3.1	662
Clair M. Hollinger						
Mine 24	RH	6-2	305	19,596	3.4	659
82	RH	5-3	299	16,670	3.9	650
Paul R. Witmer						
Bretta	RG	5-0	305	13,232	5.0	659
Samuel F. King						
Triece	GrH	4-2	305	17,951	3.7	658
Martin H. Good						
Pee	RH	8-1	305	17,246	3.8	658
Lloyd E. Miller						
Peggy	RH	5-5	305	18,566	3.5	657
Lester T. Good						
Mollie	GrH	3-7	305	14,559	4.5	657
Richard W. Barge						
AWT9866	GrH	4-0	305	15,907	4.1	656
Jonathan G. Lapp						
Candy	GrH	6-4	301	16,908	3.9	655
Kenneth B. Garber						
Marty	GrG	3-5	305	14,266	4.6	655
Harry Zimmerman Jr.						
Lila	RH	4-0	305	17,642	3.7	653
Ivan S. Stoltzfus						
Audrey	RH	3-0	305	18,401	3.5	651
J. Clayton Charles						
Lyda	RH	4-1	305	14,103	4.6	651
Ezra & Gerald Martin						
Ann	RH	6-4	305	17,401	3.7	650
Noah Kreider & Sons						
415	GrH	4-5	294	15,737	4.1	650
Curtis E. Akers						
R&GrH	34	60.5	93.7	54.4	3.9	2.11
Jonas E. Zook						
R&GrH	31	37.4	100.8	53.4	3.9	2.07
Allen Lee Stoltzfus						
RH	36	34.3	92.3	52.7	3.9	2.04
Henry E. Kettering						
RH	29	54.0	86.2	49.4	3.9	1.95
Allan R. Shoemaker						
R&GrH	30	46.9	93.0	50.1	3.9	1.95
Ronald & Kathryn Kline						
R&GrH	20	44.7	83.6	48.0	4.0	1.94
P. Robert Wenger						
R&GrH	34	41.3	87.5	49.0	3.9	1.91
Earl N. Landis						
R&GrH	26	53.3	83.9	49.5	3.8	1.86
Robert Kauffman Jr.						
R&GrH	31	74.6	90.5	46.8	4.0	1.86
Naaman W. Stoltzfus						
RH	26	31.0	89.6	45.9	4.1	1.86
Hiram S. Aungst						
R&GrH	33	49.8	89.3	47.5	3.9	1.85
C. Witmer Sherer						
RG	28	39.0	93.0	47.3	3.9	1.84A
Harold G. Shelly						
R&GrH	31	33.9	90.3	49.3	3.7	1.84
Samuel N. Myer & Son						
Mix	24	62.6	95.4	47 7	3.8	1.83
John N. Shirk						
Mix	36	37.9	93.2	50.2	3.6	1.83
Arthur D. Wenger						
RH	29	41.7	90.7	46.0	4.0	1.82
Henry B. Leaman						
R&GrH	33	32.9	84.8	44.5	4.1	1.82
Edgefield Farm No. 2						
R&GrH	32	36.0	84.4	45.3	4.0	1.82
Paul D. Welk						
R&GrH	33	67.0	91.8	45.3	4.0	1.82
Irene H. Sauder						
R&GrH	26	39.3	83.8	46.1	3.9	1.80
Ellis D. Kreider						
R&GrH	32	57.8	91.5	45.3	4.0	1.80
John M. Harnish						
R&GrH	31	130.7	89.1	46.4	3.9	1.80
S. R. Shellenberger						
R&GrH	26	69.2	83.7	45.7	3.9	1.80
Elam P. Bollinger						
RH	28	47.6	91.8	45.4	3.9	1.78
Russel L. Kline						
Mix	32	37.8	90.0	46.8	3.8	1.78
John K. Peters						
R&GrH	28	47.0	91.1	45.6	3.9	1.77A
Benuel F. Stoltzfus						
R&GrH	27	18.0	97.4	47.9	3.7	1.77A
Abraham Shelly Jr.						
R&GrH	31	42.0	83.3	46.7	3.8	1.77
Nathan E. Stoltzfus						
RH	29	62.1	85.6	42.1	4.2	1.76
John Omar Stoltzfus						
R&GrH	34	47.5	90.7	48.0	3.6	1.75
J. Clayton Charles						
R&GrH	30	41.3	82.3	38.8	4.5	1.75
Donald B. Trimble						
RBrSw	32	43.3	93.4	42.2	4.1	1.75
Jay C. Garber						
RG	28	124.2	92.8	46.5	3.7	1.74
John B. Stoltzfus Jr.						
R&GrH	29	30.8	92.7	45.2	3.8	1.74
Harry S. Aungst						
RH	29	60.7	83.1	43.5	4.0	1.74
Ben S. Stoltzfus						
R&GrH	33	42.0	93.5	42.7	4.1	1.74A
Earl E. Martin						
RG	25	36.4	80.4	39.0	4.5	1.74

(Continued on Page 67)

If you have fat cattle or need feeders . . .

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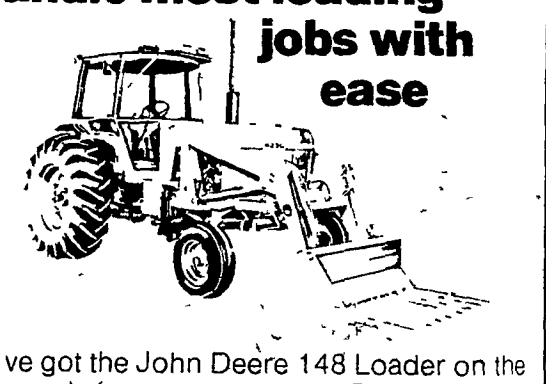
Handle most loading jobs with ease



We ve got the John Deere 148 Loader on the lot—ready for your inspection Put this loader on your medium-size John Deere Tractor* Lift 1½ tons to 10½ feet Break out 4 700 pounds

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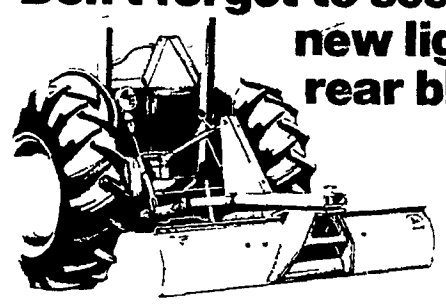
Don't forget to see our new light-duty rear blade



Look over the new low-cost John Deere 45 Rear Blade A fine match for tractors of 40 hp or less Handles all but the toughest blading jobs You ll like the specially curved moldboard that gives clean roll-off See the new 45 soon

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The California sunshine and uncy cheerleaders looked good. e game was exciting and I hated to ve it behind.

But as the bands marched out to dfield at halftime, it was time for to march forward and press the tton which turned the TV set off d thrust me back into the real rld

t was New Year's Day - the ditional day for college football wl games. The one I was watching s the classic contest in Pasadena, lif, the Rose Bowl.

The real world I had to get back into s that of a dairyman on a Pennlvania farm during a cold wintry y Watching a football game in the arm comfort of the living room ring the middle of the afternoon st doesn't mix too well with milking me

Pulling my boots, jacket, and hat to place, I marched out the back or into a brisk wind which was den with tiny particles of snow from arby drifts. It enveloped my face in refreshing, yet somehow rude

manner, as it worked its way down my collar and up sleeves. The reality of the day became more pronounced and thoughts of football soon vanished.

Everything was calm in the barn, with just a few swirls of snow blowing in through cracks in a window or door. It was a comfortable 55 degrees, just right for working. The cows contentedly pushed the silage around with their noses in order to find a few more kernels of corn. Their neck chains jingled in the process and miniature clouds of breath rose from their nostrils. The pleasant aroma of a cow stable filled the air.

Before long, the cows were grained, the milking machines were hauled out of the milk house, and strainers were perched on top of the bulk tank.

For the next 90 minutes I'd be carrying one milk bucket after another for long yardage. Once in a great while a cow would try for an extra point of a field goal, using the suspended milker for a ball. This was reality.

Once done, there were calves to be taken care of, cows to be bedded, buckets to wash, and hay to be fed. Then came a short hike through snow and wind and another visit to the bowl games - until I became too tired to watch. And the button thrusting me into the real world had to be pressed again.

Nonetheless, many pleasant memories accumulated over the years I spent on the farm and I wouldn't trade any of those experiences away if that were possible.

Have a New Year filled with happiness, success, and good health.

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From Local Ag Teachers:

Thoughts in Passing

A recent government survey indicates that almost two-thirds of American kitchens are potential sources of food poisoning because of unsafe practices in preparing or storing food. The risks are higher if the cook is under 50, better educated, and a member of a family whose income is at least $15,000 a year.

In a recent report by the U.S. Department of Agriculture, which surveyed a scientifically-selected sample of over 2,000 households, researchers applied a high-risk designation to 63 per cent of the households because of the chance of sickness due to food contamination or spoilage.

Up to 10 million cases of food poisoning occur each year in the U.S., according to the Agriculture Department.

Consumer trust in government inspection is an indirect cause of carelessness in the kitchen, the researchers found. Many homemakers mistakenly believe that government inspection prevents contamination of raw meat and poultry. This is impossible, since food-poisoning bacteria exist in the environment and in the human body.

The survey revealed other unsafe practices in American kitchens. Among them: eating rare hamburger; allowing cooked foods to cool on the counter before refrigerating; letting meats, creamed salads, casseroles, hors d'oeuvres, and brown bag lunches stand at room temperature for more than two hours; tasting food that is suspected of being spoiled.

One reason for the apparently safer kitchens among older, less-educated, low-income families is that they buy fewer large cuts of meat, such as turkeys and roasts.

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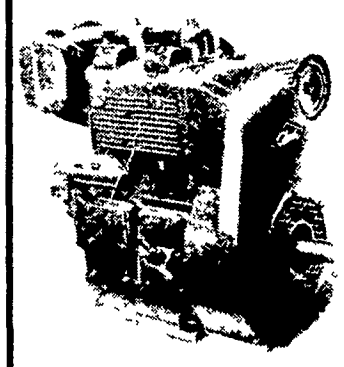

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Division of A & C Equipment Co , 780 East Main Street, New Holland, Pa 717/354-4241

'Adventure in Columbia' topic of travelogue

LITITZ, Pa. - The third in a series of travelogues sponsored by the Lititz Rotary Club "Travel and Adventure" series will be presented Saturday evening, Jan. 15 at 3 and 8 p.m. in the Warwick High School auditorium.

"Adventure in Columbia" by Romain Wilhelmsen is one of six in a series of presentations that cover various countries. In the Columbia production the viewer will have an opportunity to visit Columbia through the show.

Romain Wilhelmsen

Andean ranges, tiny villages, and dense tropical forests are featured in Wilhelmsen's presentation. The coffee country has many other interesting features, including thatched - hut villages, jaguars, crocodiles, snow-capped mountains, and cosmopolitan cities studded by 16th and 17th Century architecture.

Wilhelmsen is a resident of Lansing, Mich., and he attended St. Joseph's College for two years, graduating from the Pasadena Playhouse. He began a professional career on the stage and enjoyed two successful seasons on Broadway.

His success in photographing the countries he visits has been exceptional. He is well-known for his exciting adventure and exploration films, and has been considered as one of the best in his field.

Phone bills increase on farms

HARRISBURG, Pa. - The cost of electricity on Pennsylvania farms stabilized during 1976 but telephone bills increased, according to the Crop Reporting Service.

Cost per kilowatt-hour on Pennsylvania farms, at $3.40 in 1976, was the same rate paid in 1975. The average monthly kilowatt-hours used this year is up 12 per cent from last year, raising the average monthly bill from $45.90 during the summer of 1975 to $51.30 this year.

The average monthly telephone bill for local service only to Pennsylvania farmers increased eight per cent from last year, while the average total monthly phone bill increased 11 per cent to $16.10. As of last summer, 96 per cent of the Commonwealth's farms are estimated to have telephones.

Only 18,000 farms in the Commonwealth are estimated as using liquid petroleum (L.P.) gas, close to a thousand fewer than last year. The farms with L.P. gas paid an average of 42 cents per gallon in the summer of 1976, an increase of five cents over 1975 prices.

U.S. farm electric bills averaged $3.35 per kilowatt-hour in 1976, an increase of nine per cent from last year's $3.07. The average monthly kilowatt-hours used is up 13 per cent from last year, U.S. farm electric bills averaged $43.70 per month during mid-1976, an increase of 24 per cent over the 1975 average of $35.30.

The cost of local telephone service to U.S. farmers averaged $9 per month this year, up 14 per cent from 1975. The average monthly telephone bill, including long distance calls, increased 18 per cent to $19.19 in 1976. The percentage of farms with telephone service reached 92 per cent in 1976, up from the 90 per cent with telephones in 1975.

The number of farms using L.P. gas again declined in 1976, falling to 1,394,000 from the previous year's 1,493,000. U.S. farmers paid an average of 33.1 cents per gallon for L.P. gas this year, an increase of 2.7 cents per gallon or nine per cent over last year's levels.

Calf meeting set

WEST CHESTER, Pa. - Dairymen, veterinarians and dairy fieldmen are invited to a meeting on dairy calf housing and ventilation 7:30 p.m., Tuesday, January 4 at the Octorara High School vo-ag. room, Route 41 about two miles south of Atglen.

The meeting is being conducted by the Chester County Extension Service. Speaker will be Gerald Bodman, Penn State Agricultural Engineer.

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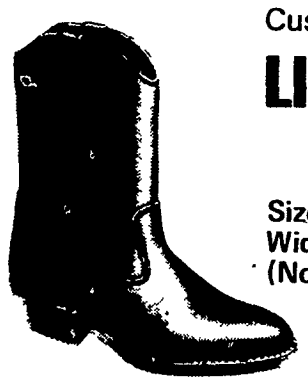

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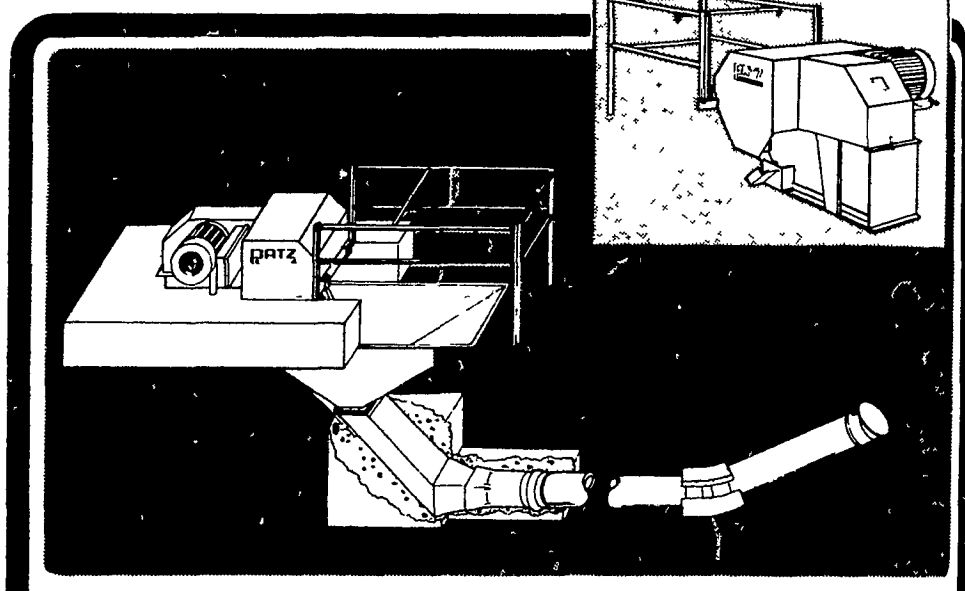
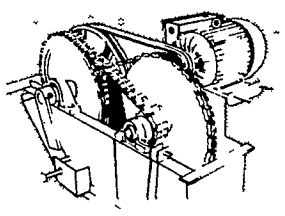
introducing the all new PATZ slurry manure pump

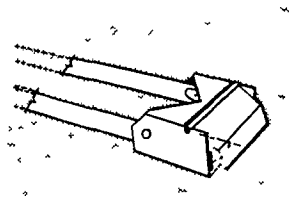


The Patz Slurry Manure Pump provides the ultimate solution to the moving of slurry liquid manure from dairy, beef, hogs or poultry installations to manure storage facilities.

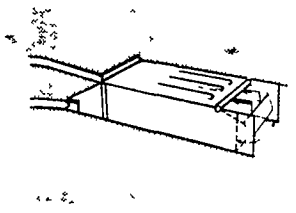
The new Patz Slurry Pump can move slurry and liquids up to 150 feet. The manure is supplied to an underground hopper with a gutter cleaner or scraper and is forced into a 12 inch P.V.C. pipe by means of an 8 inch by 15 inch plunger.



The Patz exclusive roller chain drive unit drives the plunger at a rate of 21 strokes per minute.



The 8 inch by 15 inch plunger forces the manure through a PVC pipe to storage facility.



Plunger sleeve can be removed from sleeve chamber for servicing without breaking out concrete.

get the PATZ FACTS FIRST

Call the dealer listed below for costs and availabilities.

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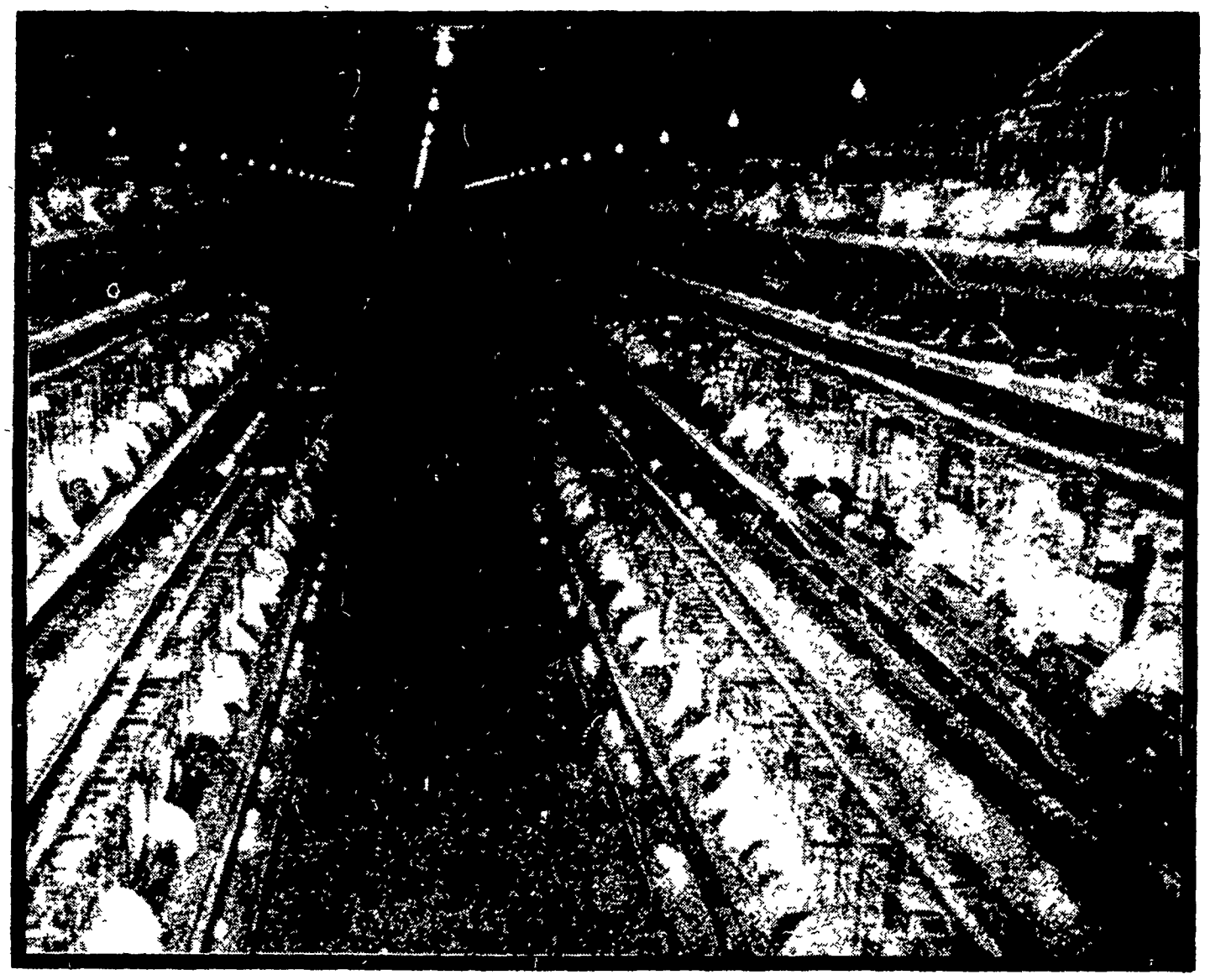

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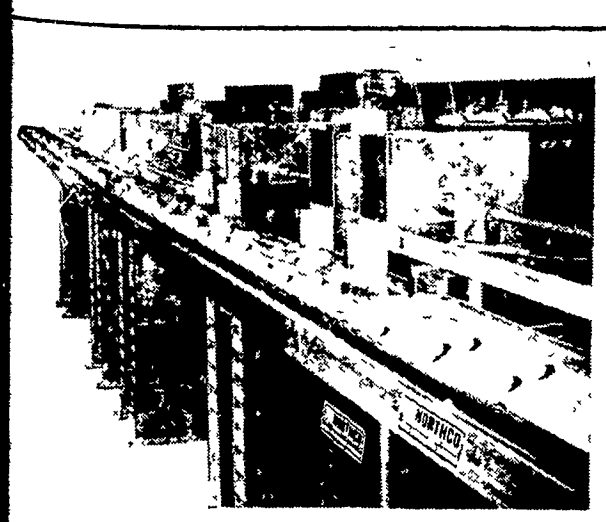
Northco feed saver trough with auger feeder. Designed to give you feed mixing action, less wear, less waste, versatile enough to fit any existing cage system.

Northco cages designed for high density. Exclusive slant back cage designed to eliminate complicated mechanical scrapers.



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Val-Cup watering system. Val has water to your birds at all times.

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Sauder Loader	300.00
IH one row Corn Picker	350.00
Demo 10 ft. Dunham Cultimulcher	1750.00
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Oliver 3 pt. 6 row Cultivator	350.00
MF 4 Section Rotary Hoe	250.00
MF 88 Plow 4-16 Semi Mounted	950.00
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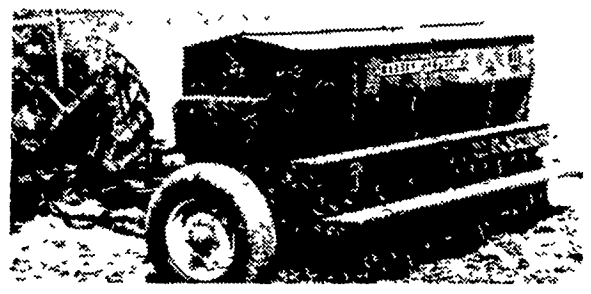

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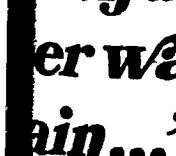
...t only for amber waves ...ain, but for all the ...ctivity of the land — a ...elous kind of individual ...ctivity unmatched ...here in the world. ...the farmer goes a ... deal of the credit for ...rica's independence, ...national leadership and ... standard of living. ...ep it up, Mr. Farmer.



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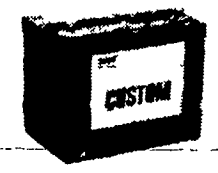

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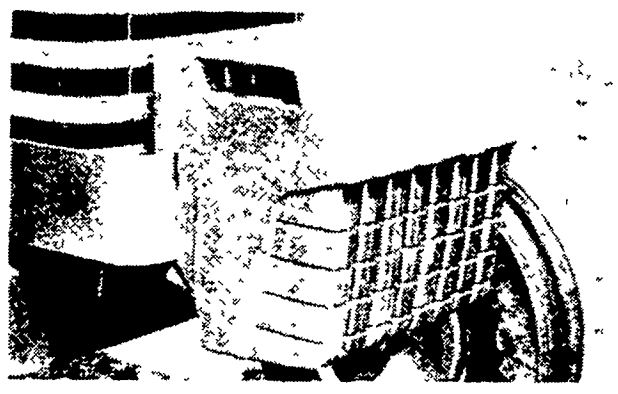

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WHILE THEY LAST

PennAg outlines 1977 challenges

EPHRATA, Pa. - Energy and environmental regulations are the two biggest challenges facing the businesses that supply Pennsylvania's farmers, according to W. H. Andrews, Jr., the incoming president of PennAg Industries Association. Andrews is president of H. O. Andrews & Sons, Inc., a feed firm in Mapleton Depot. PennAg is a trade organization of some 400 agribusiness firms in Pennsylvania.

Andrews said feed dealers and other small businesses were hard hit this year by a rate increase granted to one of the state's largest power companies in July. The Public Utilities Commission made the rate increase retroactive to July, 1975. Electric power is a significant factor in the cost of manufacturing feed, Andrews said. "There was no way feed dealers could go back to their customers to make up for the added expense. We couldn't tell farmers that we just didn't charge them enough for the feed they'd bought the year before."

Agribusiness is very dependent on the welfare of the farmer, Andrews noted, and the competition for his business is very spirited. An unexpected increase in the cost of doing business, especially a retroactive increase in such a basic need as electric power, could make agribusiness firms more cautious in their pricing policies.

"That means more money out of the farmer's pocket," Andrews said, "and eventually higher food costs."

Environmental regulation has much the same effect, Andrews feels. While recognizing the need for clean air and water, he opposes rules requiring the installation of expensive equipment which has little or no impact on environmental quality.

Farmers, Andrews added, can be especially harmed by too-stringent regulations affecting their farm operations.

In the coming year, Andrews said PennAg members will be kept informed of energy and environmental developments as well as other areas relating to agriculture and their businesses. A number of educational seminars have been planned, as well as the yearly grain meeting and the annual convention.

Andrews said his personal goal as PennAg's new president will be to do what he can to increase and maintain the organization's membership. "There are a lot of good programs here, but many dealers don't know enough about them," Andrews said. "PennAg exists because the agribusiness dealers want it to exist and because it does a good job for those dealers and for agriculture in general.

"We have a lot of excellent support for PennAg, and I'd like to see that support continue."

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No-till meeting set

GETTYSBURG, Pa. - The third annual Mid-Atlantic No-Tillage Growers Convention will be held here Friday, Jan. 7, at the Sheraton Inn. The event is sponsored by the Cooperative Extension Services of Delaware, Maryland, New Jersey, Pennsylvania and Virginia, in cooperation with agri-business industries.

The program begins at 9:50 a.m. and adjourns at 3:30 p.m. Subjects to be covered during the morning session include: cover crops for no-till corn production; the no-till forage program in Ohio; no-tilling small grains; and a look at no-till equipment used throughout the world. In the afternoon there will be presentations on economic and safety considerations in grain drying, storage and handling on the farm; plus cost comparisons of no-tillage, minimum tillage and conventional tillage systems. There will also be a grower panel discussing problems encountered in no-till farming.

A free lunch will be provided, courtesy of sponsoring agri-business firms. Delaware growers interested in attending the convention should contact their county agent in Newark, Dover or Georgetown for tickets. If there is sufficient interest, it may be possible to provide bus service to the meeting.

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— Chemical Uniformity. Each and every STARTER SPECIAL pellet has all three primary nutrients — nitrogen, phosphorus, potassium — chemically homogenized in precisely the most desirable ratio: 13-34-10. The nutrients can't separate or segregate during handling as with troublesome, hard-to-regulate "dry blends."

— Double Duty Nutrients. STARTER SPECIAL has both quick-acting and long-lasting nitrogen and phosphorus for thorough plant feeding. There is no urea or diammonium phosphate that might endanger the seed through liberation of free ammonia.

Of course, these features also make it highly effective as a banded starter. But, with only slight adaptation of most planters, it can be applied directly with the seed in exacting measurement for safety and maximum response.

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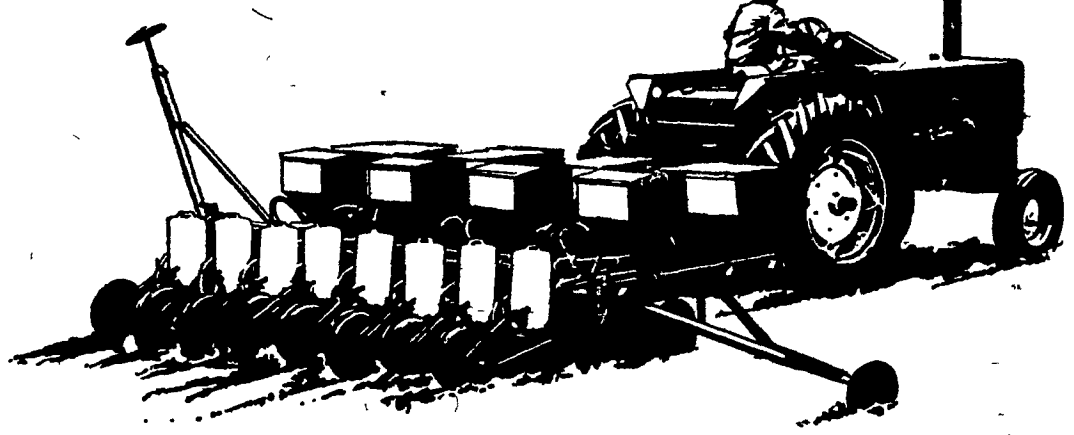

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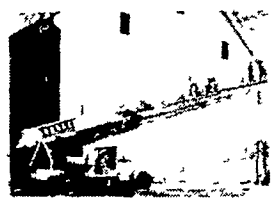

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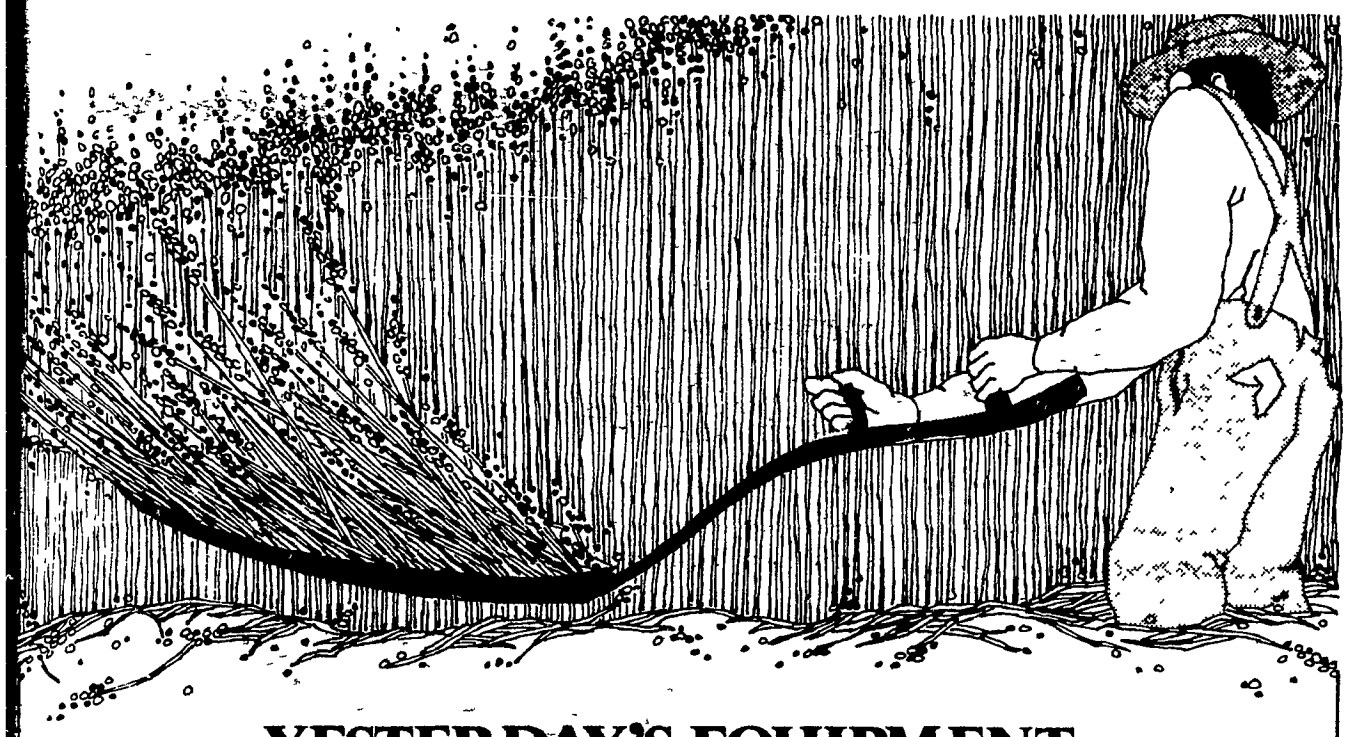
Lancaster Co. DHIA

(Continued from Page 60)

urry H. Frey						
RH	32	42.0	86.9	42.3	4.1	1.74
ohn S. Wenger						
RG	30	46.7	92.4	45.3	3.8	1.74A
arvin Reed						
Mix	29	35.9	92.0	44.3	3.9	1.74A
ancaster Mennonite Hospital						
R&GrH	28	92.1	88.3	44.4	3.9	1.73
helda & Lynn Royer						
RH	21	50.8	79.9	40.5	4.3	1.73
dgefield Farms						
Mix	30	57.2	89.8	45.4	3.8	1.73
lenn C. Hershey						
RH	31	38.8	94.1	45.8	3.8	1.72
enewood Farm						
RH	34	52.8	85.6	42.8	4.0	1.72
zra & Gerald Martin						
RH	29	47.0	84.3	45.9	3.7	1.71
van S. Stoltzfus						
R&GrH	34	38.8	94.1	43.8	3.9	1.71
Mowery Frey						
RH	35	36.2	86.8	41.3	4.1	1.71
lam B. Rutt						
RH	28	65.9	85.1	45.8	3.7	1.70
David L. Landis						
R&GrH	32	46.9	87.0	44.2	3.8	1.70
Paul H. Rohrer						
GrH	33	71.0	90.7	50.1	3.4	1.70
J Ray Ranck						
R&GrH	27	46.2	81.0	42.8	4.0	1.70
K. D. & Else Linde						
R&GrG	27	48.3	86.8	37.3	4.6	1.70
Parke H. Ranck						
RH	27	62.5	80.5	40.8	4.1	1.69
Calvin D. Beiler						
R&GrH	32	52.7	83.6	44.7	3.8	1.69
Weaver & Burkholder						
R&GrH	31	39.8	93.1	45.1	3.7	1.69A
Robert C. Groff						
R&GrH	34	62.7	89.1	41.3	4.1	1.68
Earl L. Hershey						
R&GrH	32	54.8	92.4	44.1	3.8	1.68
Gordon L. Sangrey						
R&GrH	28	38.1	96.6	44.3	3.8	1.68
Clyde W Martin						
R&GrH	32	100 7	85.1	43.0	3.9	1.68
Clair M Hershey						
R&GrH	0	62.0	97 3	43.8	3.8	1.68
J % Nolt						
R&GrH	28	36.5	70.7	41.5	4.0	1.68
Leon S. Musser						
R&GrH	28	44.4	80.4	42.4	4.0	1.68
John M. Weaver & Son						
Mix	30	90.7	84.9	42.9	3.9	1.68A
Don Ranck						
RH	29	55.0	83.0	45.3	3.7	1.68
Marvin K. Witmer						
R&GrH	29	39.6	82.7	42.3	4.0	1.68A
Marvin Reiff						
R&GrH	29	60.7	86.1	44.6	3.7	1.67A
Dr. Paul S. Schantz						
Mix	26	23.8	87.4	45.4	3.7	1.67
R. Edwin Harnish						
R&GrH	32	41.1	81.0	39.7	4.2	1.67
Mervin Sauder						
R&GrH	29	40.6	82.4	42.8	3.9	1.66A
Paul H. Hursh						
R&GrH	36	94.4	90.7	41.9	4.0	1.66A
Rohrer Brothers						
R&GrH	30	48 7	81.4	42.6	3.9	1.66
Homer G. Hess						
R&GrH	34	36.1	79.9	44.7	3.7	1.66A
J. Henry Stoltzfus						
R&GrH	30	35.4	82.4	43.7	3.8	1.66
Henry & Paul Martin						
RH	31	34.6	86.1	42.0	3.9	1.65
Raymond W. Burkholder						
R&GrH	30	83.6	93.2	42.9	3.8	1.65A
Donald B. Trimble						
Mix	32	44.4	77.6	44.2	3.7	1.65
LeRoy S. Weaver						
R&GrH	34	42.8	83.1	43.5	3.8	1.65
Harry Zimmerman Jr.						
R&GrH	26	40.0	89.7	42.2	3.9	1.64
Jacob S. Dienner						
R&GrH	35	39.3	80.7	45.9	3.6	1.64
Maurice F. Welk						
R&GrH	32	73.9	84.2	41.2	4.0	1.64
Rufus G. Martin						
RH	32	26.9	79.7	41.8	3.9	1.64
David K. Stoltzfus						
R&GrH	37	27.1	95.8	44.6	3.7	1.63
Paul S. Horning						
R&GrH	31	46.1	76.1	42.1	3.9	1.63
Willis M. Martin						
R&GrH	32	55.4	86.6	41.2	4.0	1.63
Abram M. Stoltzfus						
R&GrH	28	44.7	90.6	42.2	3.9	1.63
Amos B. Lantz						
RH	38	60.6	91.5	40.8	4.0	1.62
Harold L. Weiler						
R&GrH	27	37.0	87.5	44.2	3.7	1.62A
Daniel W. Fox						
R&GrH	36	27.9	82.7	37.4	4.3	1.62
Paul & Norman Sauder						
R&GrH	34	72.3	82.3	39.8	4.0	1.61
Melvin L. Beiler						
RH	30	49.0	88.8	39.6	4.1	1.61
Nathan G. Stoltzfus						
R&GrH	34	45.9	89.8	38.8	4.1	1.61
H. Landis Weaver						
R&GrH	35	60.8	92.6	41.7	3.9	1.61
Samuel M. Martin Jr.						
R&GrH	36	60.0	88.1	42.6	3.8	1.61
J. Harold Musser & Son						
R&GrH	30	51.8	89.3	39.8	4.0	1.61A
Amos F. Miller						
R&GrH	31	34.4	78.7	44.4	3.6	1.61
Emanuel S. Lapp						
R&GrH	33	29.8	79.9	39.0	4.1	1.61A
J. Mowery Frey Jr.						
R&GrH	28	85.8	83.6	39.6	4.0	1.60
Reuben L. Stoltzfus						
R&GrH	27	39.0	89.4	35.8	4.5	1.60
Edwin J. Landis						
R&GrH	33	84.2	91.4	42.2	3.8	1.59
Albert E. Fry						
RH	30	34.3	82.2	39.3	4.0	1.59
M.G. & P.M. Fahnestock						
R&GrH	26	78.3	86.1	39.8	4.0	1.59A
Robert L. Shelly						
R&GrH	27	34.8	82.2	38.3	4.2	1.59
Glenn P. Book						
R&GrH	27	35.6	78.1	38.0	4.2	1.59
J. Floyd Kreider						
R&GrH	27	51.0	90.2	41.5	3.8	1.58
John L. Landis						
R&GrH	27	122.6	80.5	43.0	3.7	1.58A
Albert Breneman						
R&GrH	26	74.3	83.9	42.6	3.7	1.58
Donald R. Bare						
RH	24	57.5	82.9	42.2	3.7	1.58
J. Nelson Sangrey						
R&GrH	30	33.9	78.7	41.7	3.8	1.58
J. Robert Metzler & Son						
RH	27	43.4	92.4	41.2	3.8	1.58
Galen W. Crouse						
R&GrH	27	115.1	84.7	47.2	3.3	1.57
J. Kenneth Hershey						
R&GrH	39	85.6	85.7	41.3	3.8	1.57
Titus B. Stoner						
R&GrH	28	45.9	85.8	38.2	4.1	1.57
Tom Zartman						
R&GrH	29	87.6	86.5	40.1	3.9	1.57
Christian G. Becker						
R&GrH	29	43.1	97.2	40.9	3.8	1.57A
Sunny Craft Farm						
Mix	32	31.2	84.8	38.6	4.0	1.56
J. Rohrer Witmer						
R&GrH	30	6.5	89.2	44.0	3.5	1.56
Joseph W. Best						
R&GrH	33	99.3	82.2	38.9	4.0	1.56
George M. Hurst						
RH	29	53.0	81.7	42.0	3.7	1.56
John P. Lapp						
R&GrH	34	41.0	84.0	39.1	4.0	1.56



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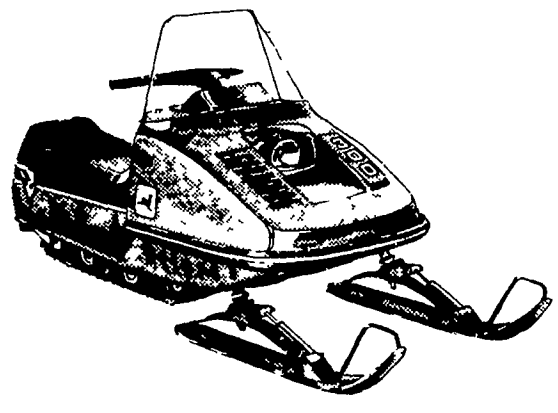

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Get John Deere dependability in a family-priced sled. Choose from two models. The 300 with a piston-ported 292cc engine. Or the 400 with a 339cc reed-valve engine, CD ignition, and surface gap spark plugs. Both engines are mid-mounted and fan-cooled. Both machines have bogie wheels set behind the mounting arm for a smoother, more stable ride. Green with reflective yellow trim for added safety at night.

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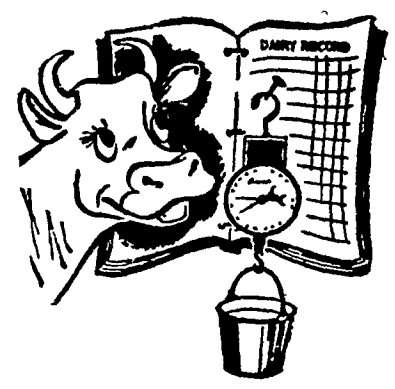


Berk's COUNTY DHIA MONTHLY REPORT

Two cows in the Berks County DHIA program - both of them in the same herd - completed records with over 1000 pounds of butterfat in November. Owned by Andrew Stoltzfus, the two Holsteins - Daisy and Maxine - checked in with records of 26,583 M and 1040 F and 25,465 M and 1023 F, respectively. Both records were produced within 305 days.

NAME OF HERD OWNER	DAYS ON TEST	NO. COWS	% COW DAYS IN MILK	MILK LBS	% FAT	FAT LBS.
Richard R Troutman	27	69.3	96.2	53.7	3.7	2.01
Junge Farms	29	39.7	92.9	53.1	3.8	2.00
Glen Mar Farm	29	59.0	91.3	50.3	4.0	2.00
Charles Plushanski	33	87.2	89.2	51.8	3.8	1.97
Andrew D Stoltzfus	28	81.3	91.5	48.1	4.1	1.96
Andrew D Stoltzfus	30	70.5	93.0	49.1	3.9	1.91
Kenneth L Stutzman	25	40.7	86.1	45.3	4.1	1.85
George S Troutman Jr	31	69.3	86.8	48.6	3.6	1.77
Wernersville St Hosp	29	53.6	81.0	45.5	3.8	1.75
Mark A Wolfskill	26	65.5	76.8	43.8	4.0	1.75
F M Browns Sons Inc	28	88.3	88.8	46.4	3.8	1.74
Yost Brothers	29	121.6	86.6	44.6	3.9	1.73A
Ray W Seidel	32	35.0	92.8	44.7	3.8	1.72A
Hartman Bros	28	97.9	87.0	43.4	4.0	1.72
J Hershey Myer	29	45.2	87.4	41.2	4.1	1.70
Ralph C Richard	30	87.0	90.3	41.5	4.1	1.69
Donald M Meyers	25	61.2	90.3	43.1	3.9	1.68
Charles R Kissling	28	44.4	77.6	41.2	4.0	1.64
Harold & George Schuler	30	45.3	80.0	41.4	4.0	1.64
Ray E Bicksler	36	41.5	81.8	44.9	3.6	1.63
Robert D Seidel	28	38.0	93.3	38.8	4.2	1.62
Charles W Wagner	27	48.0	93.4	44.3	3.7	1.62
Paul E Labe	30	70.4	92.5	42.5	3.8	1.62
Ray W Seidel	21	35.4	89.6	40.2	4.0	1.61A
Donald M Meyers	38	61.1	88.4	43.5	3.7	1.60
Stephen J Janos	31	33.2	83.4	42.3	3.8	1.60
Retland Farm	29	47.1	88.5	41.8	3.8	1.58A
Roger S Buch	26	45.0	82.8	40.5	3.9	1.57
Ernest C Hoffman	32	54.8	90.2	41.7	3.8	1.57A
George E Moyer	29	70.0	89.7	42.0	3.7	1.57
Robert T Bowman	28	42.8	93.0	36.3	4.3	1.57
Paul H Herbert	28	43.4	76.6	38.5	4.1	1.56
Donald B Duncan	28	75.4	79.6	36.1	4.3	1.56
William G Howerter	29	95.1	90.5	43.2	3.6	1.56
Joseph F Walters	28	63.0	88.2	42.8	3.6	1.56A
Gene A Reed	29	50.7	88.7	42.3	3.7	1.56
Daniel J Harnish	33	82.9	75.2	39.3	3.9	1.55
William G Howerter	26	94.3	84.9	41.7	3.7	1.55
Ralph G Sanner	28	54.8	86.6	38.8	4.0	1.54
James G Stutzman	30	53.0	87.2	39.0	3.9	1.54
Mervin Brubaker	31	67.0	80.0	39.7	3.9	1.54
Show Top Farms	31	126.4	89.3	38.1	4.0	1.52
Rodger L Wagner	28	123.0	92.6	37.3	4.1	1.52
Ralph G Sanner	31	58.1	81.3	36.7	4.1	1.52
William A Wealand	30	32.7	86.4	38.0	4.0	1.52
Raymond A Seidel	30	25.5	97.8	37.1	4.1	1.51
Drey Bros	28	103.7	96.9	39.3	3.8	1.50

OWNER — COW'S NAME	BREED	AGE	DAYS IN MILK	LBS. MILK	LBS. FAT
Norman J. Seidel					
Mitzi 4	H	6-6	286	15,713	679
Paul H. Herbert					
Bingo	H	6-1	305	17,184	712
Flo	H	6	305	21,177	787
Ralph C. Richard					
Delores	H	8	296	18,027	681
Dawn 43	H	5-5	305	19,232	695
Barba 48	H	4-6	305	23,379	899
April	H	4-3	305	19,800	749
Shelley	H	4-4	305	19,989	854
Lucy 32	H	3-5	305	18,580	660
Leroy E. Howard					
Helen	H	5-1	305	20,865	790
Amy	H	5-2	305	17,289	658
George E. Seidel					
Alma	A	3-10	305	15,790	678
Show Top Farms					
Millie	H	7-5	305	18,025	693
Melanie	H	4-11	305	15,134	728
Ruby	H	4-2	305	17,890	655
J. Hershey Myer					
Sandra	H	9-10	305	18,247	743
Daniel J. Harnish					
Autrude	H	5-4	303	18,356	789
Pixilou	H	3-6	305	17,692	685
Abbie	H	3-5	305	19,969	658
Suzette	H	3-2	305	21,198	760
Wernersville St Hosp.					
No. 1338	H	7	269	18,646	729
No. 1362	H	6-2	305	23,897	887
No. 1443	H	4-3	305	20,767	873
No. 1475	H	3-5	305	18,311	815

(Continued on Page 69)

Dairy club elects officers

YORK, Pa. - The Milk and Honey 4-H Dairy Club members elected their 1977 officers at their Christmas party.

According to Peter King, club news reporter, the newly elected officers are Patty Greek, president; James Knight, vice president; Barbara Kilgore, secretary; Cathy Arnold, treasurer; Peter King, news reporter, and Annette Walter, assistant.

Trophies were awarded to Paul Knight, outstanding member, and Barbara Kilgore, outstanding officer. Members completing a project received a brush, King said.

Games, refreshments and an exchange of gifts followed. The next club meeting will be Jan. 12.

TRY A CLASSIFIED

MUELLER FRE-HEATER™

EXPLANATION OF THE REVOLUTIONARY NEW MUELLER "FRE-HEATER™" FOR THE DAIRY FARM

Bulk milk coolers on modern dairy farms remove heat from the milk promptly after it is produced. To accomplish this requires refrigeration machines and they are generally of the air-cooled type. Air-cooled condensing units literally "throw away" this valuable heat.

On these same farms, large amounts of hot water are needed for "prepping" the cows, washing the milk cooler, the pipeline milker, other equipment, and the milking parlor itself. It is also advantageous to heat the cows' drinking water in winter.

The Mueller Fre-Heater conserves energy and provides "free" hot water by capturing the heat now wasted!

HERE'S HOW IT WORKS:

Rather than using noisy, dust-creating fans with fragile, dirt collecting air-cooled condensers, the refrigerant is routed to a specially designed condenser/heat exchanger and its heat is transferred to the water.

A thermostatically controlled valve delivers 145° F water to the storage tank.

In addition to the thermostatic valve, a mixing valve is provided to permit "prepping" temperature water

Thus, the Fre-Heater delivers two temperatures of water — prepping and washing

Tests indicate the Fre-Heater consumes 10% less power than an air-cooled system . . . and you get Free Hot Water!

ELIMINATES REFRIGERATION SERVICE PROBLEMS!

The most common causes of slow cooling in bulk milk cooling systems are related to the air-cooled condenser

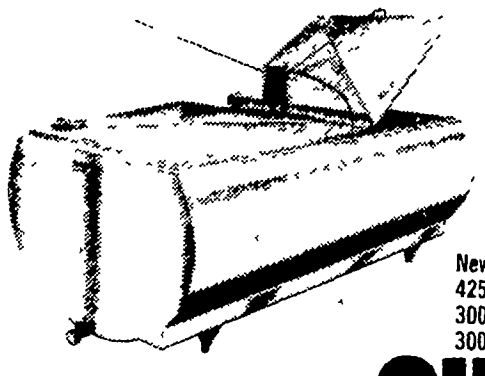
Three things which frequently reduce the efficiency are
1 Poor air circulation and recirculation
2 Fan motor failures
3 Dirty or clogged condenser fins

Air-cooled condensing units are generally installed out of doors in order to assure adequate air supply to the condenser This exposes the compressor to extreme ambient temperatures Starting problems and compressor failures have resulted and air-cooled condenser units are always noisy

The Fre-Heater eliminates these problems because
- There is no air-cooled condenser
- The Fre-Heater is installed indoors
- There are no fans to generate noise
- The head pressure is very stable — assuring longer compressor life
- There are *no* cold weather starting problems plus

. . . the Fre-Heater conserves energy and produces Free Hot Water!

Save Energy and get FREE HOT WATER... with the revolutionary...



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The "MW" is one of the Lowest pouring Height Bulk tanks. Check with us about all the added new features of the "MW" bulk tank.

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New 18 can (Can Coolers)
425 gal Esco
300 gal Dari Kool
300 gal Zero
600 gal Milkeeper
375 Gal. Delaval
300 gal. Escb
500 Gal. Dari Kool
300 Gal Sunset
300 gal. Jamesway

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Berk's DHIA Report

(Continued from Page 68)

Hel Farms Inc.					
n	H	4-4	305	23,132	750
Key	H	2-5	305	19,083	672
ley	H	4-10	305	22,128	757
E Moyer					
nette	H	4-11	305	16,577	657
Grande Farm					
rlet	H	10-2	295	17,155	669
hia	H	8-4	305	16,484	737
A Wolfskill					
	H	7-8	305	17,962	699
n	H	4-1	302	20,333	683
sy	H	3-5	305	20,595	675
d B. Duncan					
27	H	6-1	305	18,982	699
29	H	3-1	282	18,449	690
es R. Kissling					
ky	H	6-5	305	18,756	731
gic	H	5-2	305	18,364	740
my	H	5-1	305	19,325	676
y	H	4-1	305	19,486	716
t E. Heckman					
	H	6-3	305	14,504	670
t E. Kieffer					
ly	H	4-2	305	16,891	652
G. Sanner					
	H	6-3	305	21,210	759
n	H	4-9	305	21,268	737
W. Seidel					
anee	H	4-2	305	18,849	673
rt Yanos					
ssie	H	4-9	305	17,000	696
Charles Plushanski					
Priscil	H	3	305	16,162	854
Swatara Dairy Farm					
No. 153	H	7-1	274	17,191	690
Kenneth L. Stutzman					
Jims	H	4-9	305	21,109	901
F.M. Browns Sons Inc.					
No. 47	H	5-1	305	18,718	719
No. 60	H	3	305	18,058	687
No. 33	H	2-1	305	16,523	651
No. 76	H	2-1	305	18,040	682
Donald M. Meyers					
Ginny	H	5-9	305	18,814	771
Missy	H	4-8	305	20,275	681
Reda	H	4-2	305	20,147	700
Birdie	H	4-2	305	20,208	686
Stephen J. Janos					
Raganne	H	3	305	19,166	664
Andrew D. Stoltzfus					
Daisy	H	7-8	305	26,583	1040
Naomi	H	4-8	305	21,100	761
Maxine	H	3-4	305	25,465	1023
Flicka	H	3-3	305	25,312	895
Karen B.	H	3-11	305	21,232	815
William C. Adams					
Spear	H	4-6	305	19,488	836
Cream	H	3-8	305	18,395	851
Richard R. Troutman					
Cindy	H	3-8	305	27,410	960
Harold G. Heck					
June	H	6	293	20,676	842
Pansy	H	4-7	305	20,779	729
Mervin Brubaker					
Breta 65	H	6-2	282	16,092	688
Glnda 16	H	3-2	305	19,354	737
George E Moyer					
Blosm 84	H	4-3	305	19,360	776
Lorie 40	H	3-4	305	17,618	656
J. D. Rosenbaum & Son					
No. 40	H	4-10	305	24,329	971
Robert L. Sattazahn					
Sally	H	7-2	305	17,237	697
Joyce	H	5-2	289	16,767	672
Ray E. Bicksler					
Gerry	H	7-1	305	23,882	888
Gail	H	3-11	305	20,908	830
Glenn B. Gockley					
No. 3	H	7-2	305	15,670	672
No. 39	H	4-4	304	16,735	675
Clarence B. Kulp					
No. 29	H	6-1	305	15,988	673
Hylark Farm					
No. 136	H	3-4	305	16,853	654
Harold & George Schuler Dairy					
H 7-11	H	7-11	290	16,335	657
A Marie	H	5-6	296	18,124	809
Lester Heyer					
Becky	H	6-2	305	18,952	769
Queen	H	5-5	305	18,267	705
Ontelynn Acres					
No. 92	H	3-11	305	17,045	770
No. 97	H	3-1	305	18,423	705
Junge Farms					
Iva	H	7-7	305	26,276	784
Sally	H	7-3	305	27,262	791
Paul E. Labe					
No. 91	H	6-1	305	19,253	735
George S. Troutman Jr.					
Gala	H	5-4	305	22,383	766
Yost Brothers					
No. 36	H	4-6	305	19,928	779
No. 99	H	3-6	305	18,125	780
No. 43	H	3-6	305	16,328	770
Florida	H	3-6	299	16,572	704
Teen Chal Farm					
No. 40	H	4-2	305	20,812	770
No. 72	H	3	305	21,103	726

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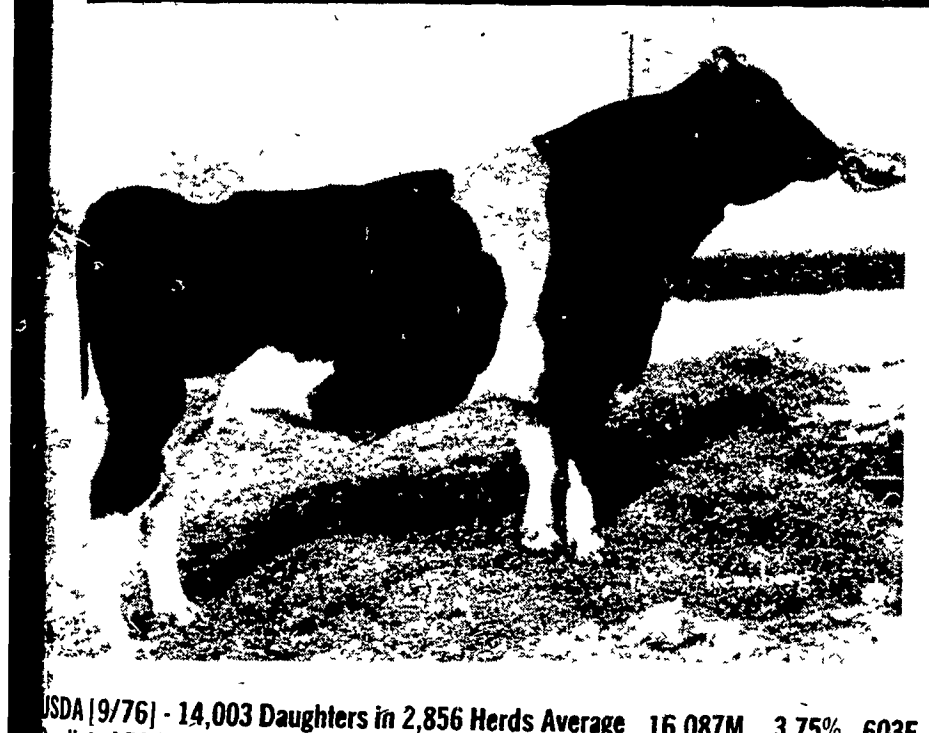

15H103
Penstate
IVANHOE STAR
Very Good (89)
& Gold Medal
Prod. Qual. (Sept./76)

Sire: Osborndale Ivanhoe — EX & GM
Dam: Penstate Lucifer Anna Star — VG

USDA [9/76] - 14,003 Daughters in 2,856 Herds Average 16,087M 3.75% 603F
Predicted Difference [99% rpt.] +986M +$101 +41F
Type: 4,487 Classified Daughters Ave. 79.9 [act.]; 81.0 [age-adj.]

15H136
Paclamar
TRIUNE
Complete
Very Good (89)
& Gold Medal

Sire: Paclamar Bootmaker — EX (94) & GM
Dam: Hilltop Ivanhoe Marion — EX

USDA [9/76] - 2,022 Daughters in 855 Herds Average 16,406M 3.44% 564F
Predicted Difference [99% rpt.] +880M +$42 -8F
Type: 662 Classified Daughters Ave. 79.3 [act.]; 81.1 [age-adj.]

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Hired farmworker count remains stable

WASHINGTON, D.C. - The U.S. hired farm working force, numbering 2.6 million in 1975, has been relatively stable over the past five years, according to the U.S. Department of Agriculture.

It averaged 2.7 million since 1970, compared with 3.4 million for 1961-65, the Department's Economic Research Service reported last week. Other highlights from last week's statistical report are:

Farmworkers earned an average of $2,552 in 1975. Of this, $1,488 was earned for an average of 85 days of farmwork. The rest came from nonfarm employment.

Over a million farmworkers were in school most of the year, so they earned only an average of $492 for 41 days farmwork in 1975.

Last year, 335,000 farmworkers worked year-round on farms, earning an average of $5,873 for 311 days of farmwork.

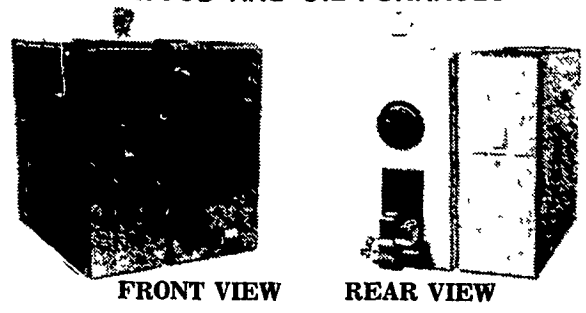
Persons employed over 150 days on farms did 68 per cent of the hired farmwork (measured by mandays of work). Yet, they comprised only 22 per cent of the hired farmwork force.

Hired farmworkers in 1975 were young (median age 23), and most were male (77 per cent).

Only 21 per cent of the farmworkers lived on a farm, while 7 per cent were migrants.

Most farmworkers were white (72 per cent), 11 per cent were of Spanish origin, and 17 per cent were blacks and others.

CUT FUEL COSTS
WITH COMBINATION
WOOD AND OIL FURNACES



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One last look at year 1976

By DIETER KRIEG

The year just ended was a good one by almost any standard. Prices of most farm products were good to strong, and in spite of rising costs, farmers found themselves to be in a rather favorable position. Lancaster County farmers who participated in the 60th annual Farm Show took a greater share of top honors than ever before. The Bicentennial came, and area farmers who had farms in the family for 100 or more years were recognized in a series of articles dubbed "Bicentennial Farm Features." In November, those farmers who classified themselves as Democrats, cheered the idea of having a farmer back in the White House.

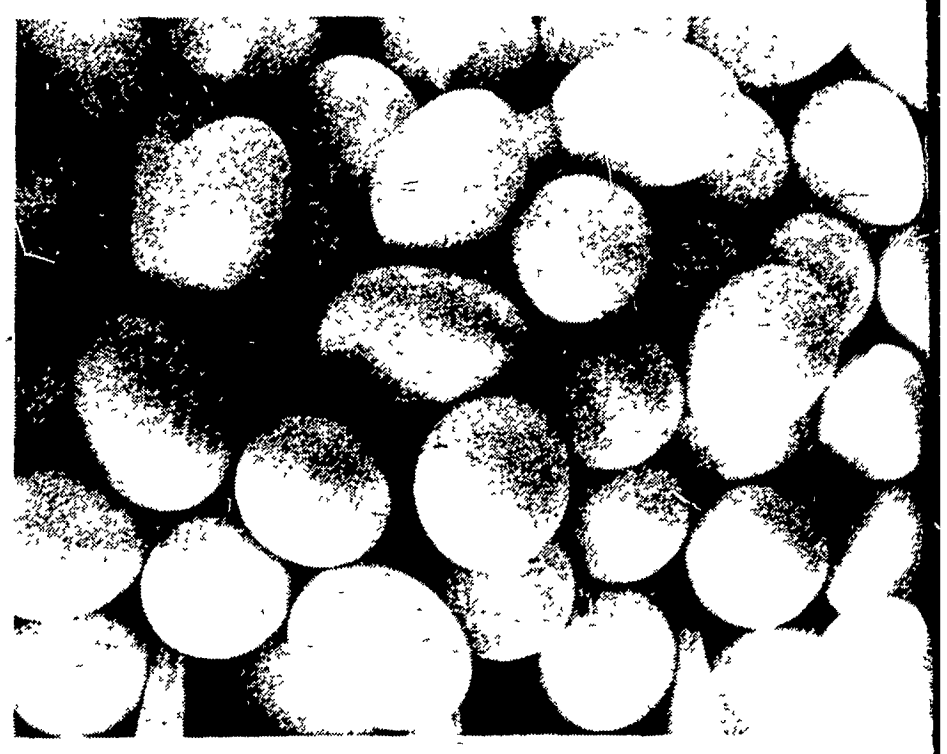
A quick review of the year follows:

PERFECT EGGS

Never in the 59-year history of the Pennsylvania State Farm Show have eggs ever received a perfect score of 100 points. At the 60th Farm Show, in 1976, however, it happened twice. Dutchland Farms and the R. W. Sauder egg firm, both of Lancaster County, captured the unusual and most prestigious honor. It was the "crown" to a performance on the part of Lancaster County poultrymen who swept all events in egg competition. All the best eggs in the state came from the Garden Spot.

Eggs weren't all Lancaster County exhibitors excelled in. Just ask beef exhibitors. Nineteen-year-old James Greider of Columbia showed the grand champion - an Angus-Chianina cross - thereby bringing that honor back to Lancaster County for the first time since 1972. Later he sold his champ for $8,256. An 11-year old girl from Refton, whose steer wasn't much appreciated in her neighborhood, had the reserve champion. She was Bonnie Sue Frey, a first-year 4-H'er, who came close to winning not only the grand championship but also a court decision in regards to raising a steer within a small village.

The grand champion market hog also came from



Perfect eggs were a first ever at last year's at last year's Farm Show.

Farmers Home Administration alters income requirements

LANCASTER - The Lancaster office of the Farmers Home Administration advises that the income limits have been increased from $12,900 adjusted gross income to $15,600 adjusted gross income. This means that more families or individuals who cannot qualify for conventional credit may be able to qualify for FmHA financing on homes. Adjusted gross income is determined by deducting 5 per cent of gross income and $300 for each child under the age of eighteen. As an example, a family or an individual, with two children, earning $17,000 would have an adjusted income of $15,550 and would be eligible from the income standpoint.

For further information, contact: Farmers Home Administration, 1383 Arcadia Road, Lancaster, Pa. 17601.

Management eyed

WEST CHESTER, Pa. - Fred Hughes, Penn State farm management specialist, will discuss: farm partnerships and corporations, farm transfers, and the buying and selling of farms, with special emphasis on how the new tax laws may affect future planning.

Farmers and their wives and people interested in farm estate planning are invited to attend. There will be ample opportunity for questions. The meeting, conducted by the Chester County Extension Service, will be held 7:30 p.m. Tuesday, January 18 at the Russellville Grange Hall, near the junction of Routes 896 and 10.

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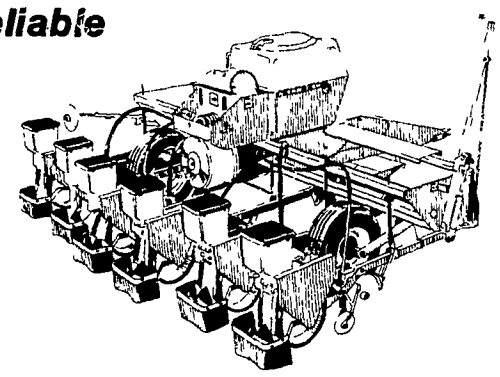
accurate . . .
reliable



International 400 Cyclo Planter

This season, enjoy the benefits of International Cyclo planting, the world's first system to use air power for putting seeds in the ground No other system equals it for reliability, convenience, simplicity A variety of seeds, sized or unsized, are all planted through the same metering system And owners report getting accurate populations at speeds up to 7 mph

- Trailing models in 4, 6, 8 rows, wide and narrow
- Quick-change seed drums can be changed over in minutes, big centralized 11-bu hopper goes half a day without refilling
- Electronic monitors take guesswork out of planting
- Attachments available fertilizer and chemical applicators, Cou-Till units, combined tillage hitch

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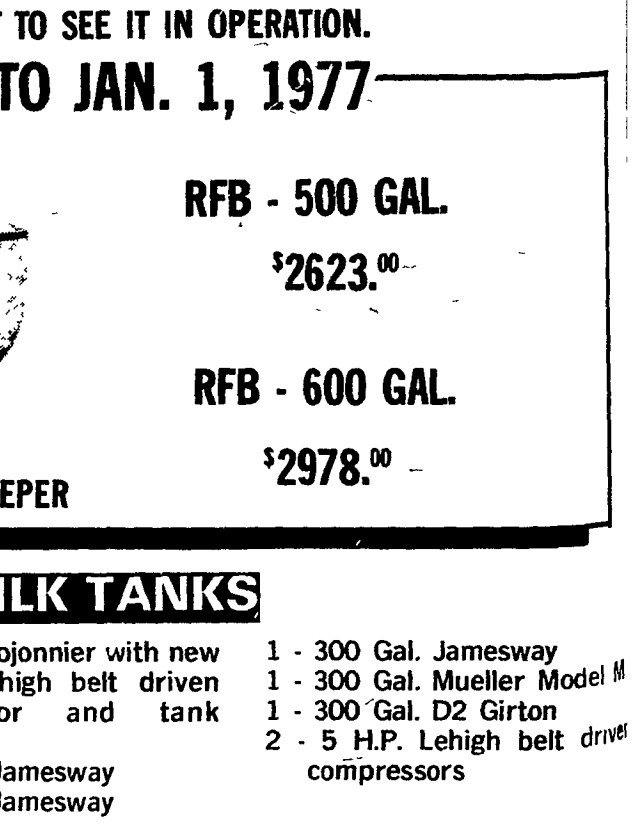

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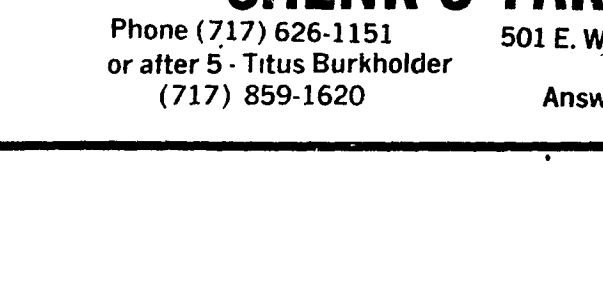

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1 - 500 Gal. Jamesway
1 - 400 Gal. Jamesway
1 - 300 Gal. Jamesway
1 - 300 Gal. Mueller Model M
1 - 300 Gal. D2 Girton
2 - 5 H.P. Lehigh belt driver compressors

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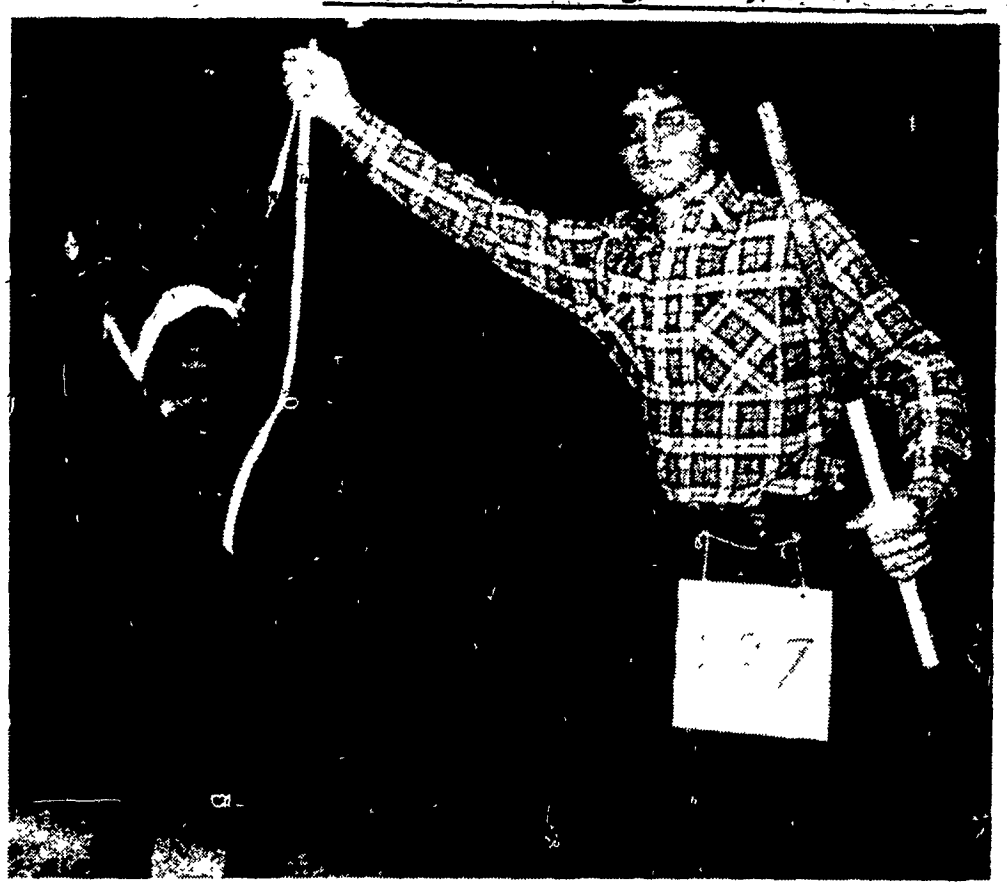
One last look



Jim Greider and his grand champion beef animal.

...er County. That was ...d Strauss' 230-pound ...ed

Tax meetings slated

...ERSITY PARK - Penn State University and the ...tive Extension Service are scheduling meetings ...out the state on farm income tax.

...istration fee of $5 will be collected from each family ...the day of the meeting to cover the cost of materials ...plies for instruction.

...arge number of changes in the farm income tax laws ...ocedures indicate that the attendance in the 1977 ...gs will be greater than usual.

...rea meetings will be held on the following dates and ...

...ing time: 10:00 a.m. to 3:30 p.m.

...ary 4, 1977. Ridgeway, Royal Motel, one mile South on ...219.

...ary 5, 1977. Meadville, Holiday Inn, two miles West on ...6.

...ary 6, 1977. Butler, Friendship Federal Savings & ...North Main Street.

...ary 18, 1977. Chambersburg, Holiday Inn, Southside, ...ction Route 316 and Interstate 81 (Wayne Avenue ...

...ary 19, 1977. Lancaster, Farm and Home Center, from ...230 by-pass take Route 72 south one-half mile, east on ...e Road next to Jones Pontiac.

...ary 20, 1977. Allentown, Trexlertown Grange, Route ...tween Trexlertown and Wescosville.

...ary 25, 1977. Mansfield, St. James Episcopal, Parish ...Mansfield.

...ary 26, 1977. Lewisburg, Country Cupboard, 1½ mile ...on Route 15, Lewisburg.

...ary 27, 1977. Tamaqua, Leibys Ice Cream House, ...443 and 309, three miles south of Tamaqua.

TOBACCO DOWN

At the Lancaster County Tobacco Show, held at the Farm and Home Center prior to the opening of the Farm Show on Jan. 5, judges announced that the 1975 tobacco crop was down in quality compared to other years. One big indication was that the number of entrees were down significantly - from 200 entries a few years ago to 111 in 1976.

A quick check of markets in early January, compared to late December 1976, reveals: The Baltimore egg market, supply ample, undertone weak, large 77-84, mostly 77-80, mediums 75-82, mostly 75-78. Last week that same market was quoted as steady, demand remains fairly good, supplies adequate, large 88-91, medium 84-87.

Alfalfa hay was selling for as high as $100 per ton at Lancaster County auctions, with the lowest given quotation being $64. Last week the range was considerably wider, with one load reportedly selling for $60, while the top-notch stuff fetched $120.

Lancaster County grain prices last January were $63.70 per ton of ear corn picked up at the mill, compared to $58.00 at year's end. Barley sold for $2.15 per bushel at the mill early this year, compared to $2.43 last week. Soybeans were at $4.27 per bushel delivered to the mill, compared to $6.75 now. Millers' wheat was bought by mills at $2.54½ per bushel, compared to $2.76 a year ago.

The best slaughter cows brought in the neighborhood of 30 cents per pound a year ago. They were priced two to four cents lower than that last week. The top steers commanded just under 50 cents per pound in early January; last week they were bringing in the low 40's. Veal calves 12 months ago sold as high as 70 cents per pound; last week they went as high as 68.

Hog producers were enjoying 50-cent prices at the beginning of the year, compared to the low 40's in late December.

BICENTENNIAL FARMS

The first 1976 issue of Lancaster Farming rang in a series of stories on farms which had been in the same family for at least 100 years. The series began with the Amos Risser farm, Elizabethtown, which dates back to 1739, and ends with the Mahlon Lehman farm, also of Elizabethtown, as this issue goes to press. All told, more than 30 such farms were featured during the past 12 months.

January 1976 was also the month during which the No-Till convention was held at Hershey. A very good turnout was reported and officials are hopeful of seeing another capacity crowd at this year's convention in Gettysburg. Ask your county agent for details about the Jan. 7, 1977 event.

Meanwhile, back in Camp Hill, Eugene Meyer, editor of Hoard's Dairyman, told the Pennsylvania Dairymen's Association that the short-term future of the industry looks bright, but import possibilities threaten the long-term outlook. Fortunately, 1976 turned out to be a rather good year for most dairymen, as the first portion of Meyer's prediction fulfilled itself.

While all that was gong on in Pennsylvania, the American Farm Bureau Federation met in St. Louis, Mo. to declare that a Constitutional amendment should be called for to require government fiscal responsibility. The association of farmers also warned at the same convention that "the drive to make American agriculture a public utility is becoming an issue of overriding importance."

SHELHAMER SAYS YES

Kent Shelhamer, who will take over the reigns of Pennsylvania's Department of Agriculture in two weeks, gave his official okay to that effect nearly a year ago, according to a story filed in mid-January of 1976. Raymond Kerstetter, who will step down as Secretary of Agriculture this month, at the same time indicated he was not willing to take the post for more than a year.

The Ephrata Jaycees chose Tom Zartman as the area's outstanding young farmer, and Lew Ayres for the distinguished service award, Lancaster Farming reported in its Jan. 24 issue.

In that same issue it was also reported that Burton S. Horne, professor of agricultural engineering at Penn State, had died on Jan. 9 in State College at the age of 55. He had been a member of the PSU faculty for 24 years and was well known for his work both as an engineer and organizer.

"Cattle market future looks promising," a front page banner headline declared in the Jan. 31 issue. It was quoting a Penn State economist who had an awful lot of company in predicting that cattle prices would be strong throughout the year.

(Continued on Page 72)

Happy New Year!

From Your Sperry New Holland Dealer.

Our success this year was not achieved by us alone Your friendship, trust and continuing patronage were certainly important factors.

We've resolved to make every attempt to serve you even better next year. So, in the New Year as always, you can expect the good service and quality you've come to depend on us for Our sales and service staff joins in wishing everyone a wonderful day and a Happy New Year!

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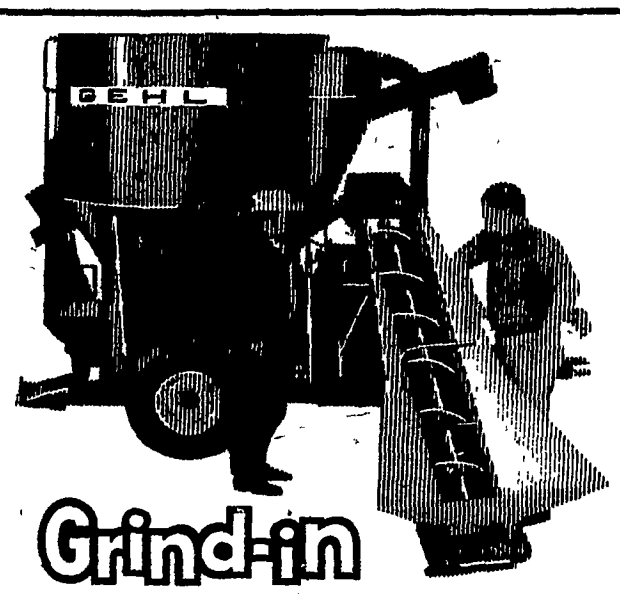

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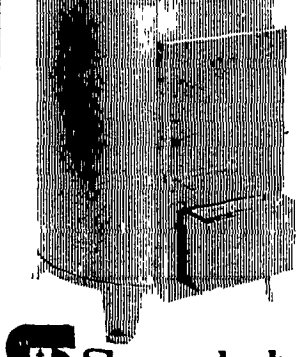

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One last look

[Continued from Page 71]

The promise never materialized in full.

At the same time, tobacco growers were marketing their crop for 58 cents per pound while attempting to hold out for more. As the weeks passed, however, 58 cents was all there was to be had.

BUTZ IN YORK

Former U.S. Secretary of Agriculture Earl Butz visited York a year ago this month, addressing the 13th annual Agribusiness Seminar, sponsored by the York County Agricultural Extension Service and the York Aea Chamber of Commerce. His presentation was well received by the audience and drew an editorial response from Lancaster Farming editor Dieter Krieg.

The Class I milk price for February was reported at $11.86 per hundredweight.

Dale Siegfried of Kutztown was named the state's Star Farmer by the Pennsylvania Association of Future Farmers of America. Another Kutztown man, Robert Kopfer, was named outstanding young farmer for his area by the Kutztown Jaycees.

Meeting in Tarpon Springs, Fla., U.S. machinery and farm equipment dealers predicted that even bigger implements would become available than what farmers are seeing now.

Barry Haldeman of Manheim was named a "Pork All-American" by the National Pork Congress in early March of 1976. He was chosen on the basis of his outstanding contributions to the pork industry along with activities in community and agricultural functions.

Another Lancaster Countian, Charles Rohrer of Paradise, was named Outstanding Young Farmer by the Pennsylvania Jaycees. He operates a 265-acre chicken-hog-dairy farm in partnership with his brother Allan.

During that same week, the Ephrata Young Farmers held their annual awards banquet, bestowing honors on a number of members, and the Cloister FFA meats judging team captured first place in county competition. A girl, Donna Bender, was high individual.

Red Rose Star Agribusinessmen and Star Farmers were named in mid February, with the honors going to James Shirk of Lititz and Robert Hess, Lancaster, respectively.

NEW BEEF GRADES

New beef grading systems were the talk about a year ago, and Lancaster Farming gave a complete report on the discussions in Lancaster in the February 21 issue. The new grading system proved to be more confusion than anything else and it was said then that they weren't likely to benefit anyone.

A Maryland hog producer, Paul L. Shortall, Jr., was named for Pork All-American honors early in the year.

The question of whether or not a family living in a small town, zoned residential, may be allowed to keep 4-H steers on their premises was brought up at a zoning board meeting in Strasburg on Feb. 16. The case involved Bonnie Sue Frey, who had exhibited the reserve grand champion at the Farm Show. The lengthy legal procedure was covered in depth by Lancaster Farming. The final outcome wasn't made known until late in the year when the Frey family was notified to keep steers away from their Refton property.

CORN CHAMPIONS

A Solanco youth, Dan Hershberger, made the front page of the Feb. 21 issue of Lancaster Farming. The son of Mr. and Mrs. Robert Hershberger, Quarryville, the young man was singled out for having harvested 201 bushels of corn from a one-acre plot. That placed him first in the state and designated him Gold Medal Winner in a contest sponsored by the Pennsylvania Crop Improvement Association.

A contest sponsored by the National Corn Growers Association honored two Lancaster Countians - Glenn E. Burkholder of Washington Boro and Melvin L. Shertzer of Millersville. They placed first and second, respectively, in the Pennsylvania division for non-irrigated fields.

The National Peach Convention was held in Hershey during the last week in February, and one of the primary topics of concern was federal bureaucracy - particularly OSHA.

That same week, authorities in Cumberland County issued a fire alert after an arsonist had torched several barns and caused an estimated $500,000 worth of damage.

Manheim Central High School's cooperative ag education program was featured for being unique and totally novel in the area. The arrangement allows vo-ag students to spend four half-days per week working in either ag business or on the family farm.

Production of most farm commodities continued a strong trend, and the outlook for 1976 was gene... bullish.

"RURAL ROUTE" ADD...

A new feature came... Lancaster Farming with...

[Continued on Page 73]

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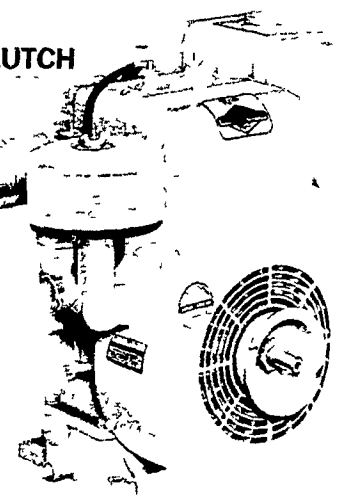

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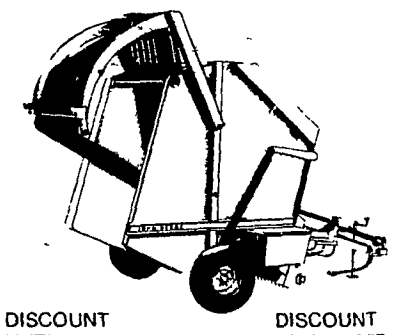

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One last look

Continued from Page 72]

6, issue, and it has with the paper ever The feature - a cartoon "Rural Route," is by free-lance artist Armstrong of Seller- who is a 1955 graduate in State with a degree imal science.

was a member of the ock judging team and t one time been herd- for one of the largest red Angus herds in the

Then eight years in ultural business with a farm machinery dealer brought him in direct contact with the farmer.

Armstrong describes "Rural Route" as a cartoon which will feature a farm family, with the farmer as the main character. The farmer is an honest, hard working man with perhaps an above average dislike for bureaucracy, red tape, and the interference by others in his chosen profession.

HOG CHOLERA HITS

The swine industry was jarred in early March when hog cholera, a highly infectious viral disease affecting that particular livestock species only, was confirmed in several herds along the eastern seaboard. New Jersey and Massachusetts received the brunt of the attack, and alerts and embargoes were issued immediately to keep the disease from spreading. For the next several months, hog cholera continued to make the news.

John Weaver, a member of the Garden Spot Young Farmers Association, was chosen that organization's outstanding member at a meeting held at the Blue Ball Fire Hall.

The fertilizer situation for 1976 was described as one which would be adequate, in contrast to noticeable shortages in previous years. Distribution was cited as being a problem, however.

Due to the adequate supplies, fertilizer prices came down as much as 50 per cent from 1975.

FARMERS RESIST

In spite of lower fertilizer costs, however, it was noted that farmers were not leaping into the cabs of their trucks in order to haul in the stuff at "bargain prices." The word was that farmers believed the previously much higher prices to be contrived, and since they had to improvise the two or three years before, they could manage that way again in 1976.

Meanwhile, fertilizer production plants were sprouting up all over the world in order to help fill the food and fibre demands of a constantly growing population.

Another big shortage which made the news during 1974 and 1975, was getting attention in 1976. As with the fertilizer situation, canning lids were to be more abundant. Major manufacturing companies reported that they had their factories humming at top capacity in order to meet the demands. There was no consumer resistance here, but neither was there an overabundance of canning supplies as an estimated 35 million gardens were involved. Production of lids was reported to be twice of that of 1975.

On another angle, involving fertilizer, Dow Chemical Corporation unveiled a new product called "N-Serve," which was said to have the potential to open "a whole new ball game in agriculture." The product was reported to boost yields while lowering the needs of actual N applied.

Agriculture was becoming increasingly more important, both at home and abroad. "There's a new awareness of agriculture sweeping across the country, I am extremely optimistic about the future of agriculture," said James Beattie, Dean of Penn State's College of Agriculture in a speech delivered at the annual meeting of the Lebanon County Extension Service.

VINTAGE STABLES SOLD

Controlling interest in the Vintage Sales Stables, Vintage, changed hands in early March when Mr. and Mrs. Robert Frame of Uwchland, Chester County, purchased shares formerly belonging to Harold Hess and John Huber.

The Berks-Lehigh County Pork Producers held their annual banquet in March and chose Joan Dietrich as their queen.

Broiler production, which had never really been weak, forged ahead with a strong trend which held true for the rest of the year.

Claude Hetherington of Zion Grove, who produced 785 tons of tomatoes on 30 acres, was named the state champion tomato grower for 1975 in the hand harvest 25 to 50 acre class.

OUTSTANDING CONSERVATIONIST

On March 15, the Lancaster County Conservation District named K.D. Linde of Oxford R1 the "Outstanding Conservation Cooperator for 1976. Later in the year, Linde again made the news by having the highest producing Guernsey herd in the state.

Johnsongrass was beginning to become more of a problem in the mid-Atlantic states. The state of Maryland therefore beefed up its control program which has its roots in a 1969 legislative act. An estimated 66,000 acres were infected with Johnsongrass in Maryland in 1975.

Otto and Herbert Schick of Kutztown won grand and reserve grand champion honors, respectively, at a swine carcass show for Lehigh, and Berks counties. Lancaster County swine producers held their carcass show that same week and saw Dale Nolt of Manheim walk away with grand champion honors.

At a meeting of Eastern Milk Producers Cooperative in late March, Public Relations Director Lisle Dutton warned area producers that "homeless milk" could become a condition to be reckoned with later in the year. He made the comment in reference to production gains. Milk production, in fact, could set an all time high for 1976 if USDA calculations are correct.

In a related matter, it was announced that the Sealtest plant would close in Philadelphia, thereby leaving one less outlet for the dairy farmer's milk. Other bottling plants and dairy cooperatives were reportedly in a position to cushion any ill effect.

BERKS COUNTY CORRESPONDENT HIRED

It was during March of last year that Judy Mitchell, Berks County correspondent, was introduced to Lancaster Farming readers. She has been covering that portion of the paper's circulation area ever since.

High winds swept through parts of Lancaster County and surrounding areas in late March, destroying several barns and some contents.

The plan to dismantle state hospital farms came under fire during the Spring of 1976 and before it was all over, some heated debates and arguments had been heard. The state farms were threatened with extinction due to skyrocketing costs - particularly labor expenses. Employees at the institutions are paid according to union negotiations.

Mrs. Kenneth Stoner of Elm received national recognition last year, according to a story printed in the April 3 issue of Lancaster Farming. Her accomplishment was having a recipe for corn fritters published for national distribution.

Dale and Norman Rothermel were cited in March of 1976 for having the highest producing herd on DHIA in Schuylkill County.

Pennfield Feeds recognized 34 Pennsylvania dairymen in late March for

[Continued on Page 74]

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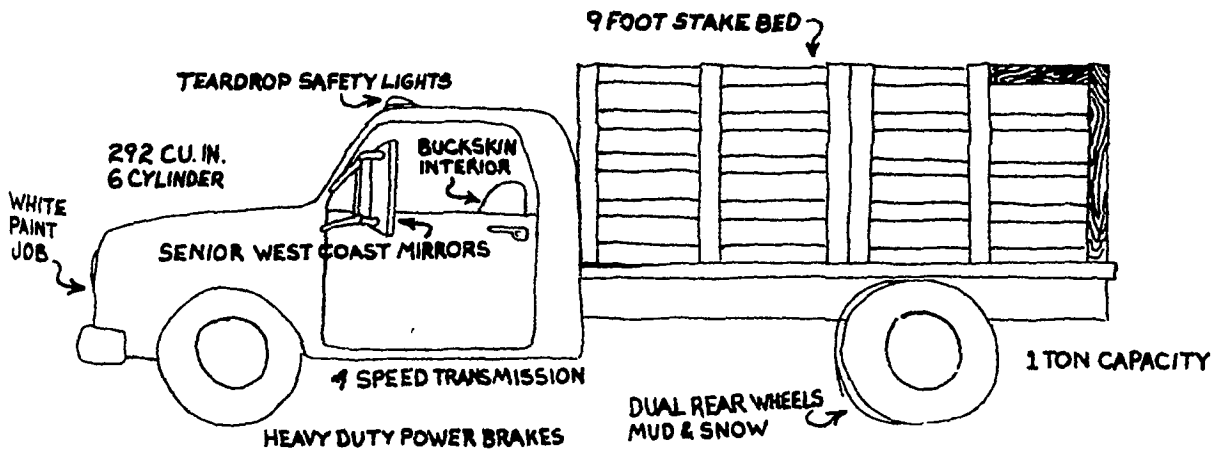

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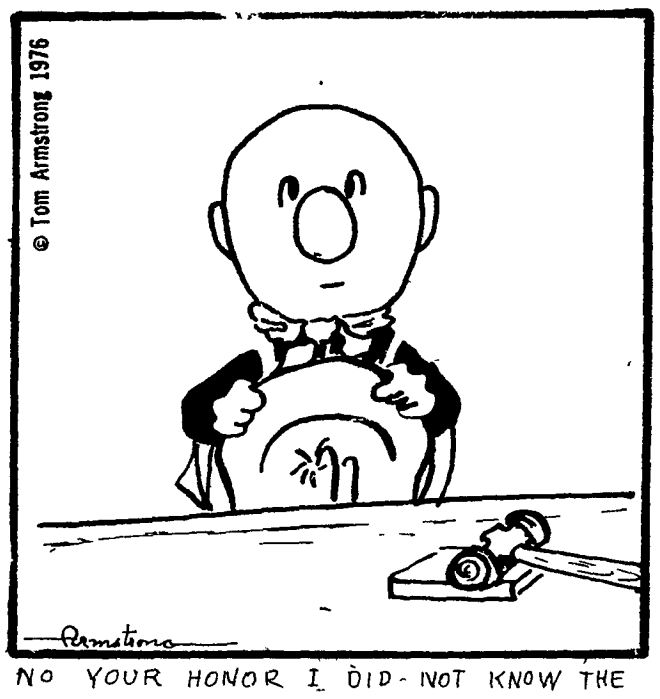

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Two early gems of 'Rural Route'

IF IT ISN'T CASH, A CHECK, REBATE, REFUND OR LANCASTER FARMING, FORGET IT

One last look

(Continued from Page 73)

having surpassed the 17,000 pounds of milk mark per lactating animal. Leading the pack among this group was Smking Springs Farm, York R5. Their 67 Holsteins checked in with an average of 19,823 M and 785 F.

Another herd of York County Holsteins - that of George M. Knight Jr. - made front-page news in that same issue for having won premier breeder and premier exhibitor honors at the 23rd annual Pennsylvania State Holstein Show in Harrisburg.

LAND-USE

Land-use became a household word on every farm in the state last year. One of the ideas to come up urged state officials to consider an "agricultural impact statement" before taking any land for roads, etc.

The Pennsylvania Poultry Federation met on April 1 in Lancaster, setting an all-time attendance record. The Federation had predicted that 750 poultrymen would come to the big event. To their surprise and pleasure, 900 showed up.

Meanwhile, down in Baltimore, members of Maryland Cooperative Milk Producers held their annual meeting and re-elected Herbert Wessel as president. A new dairy support price of $8.13 per hundredweight for manufacturing milk went into effect on April 1.

In Philadelphia, Inter-State Milk Producers Cooperative was making final preparations for a trip to Washington by dairymen from the area. Their goal was to stress the need for the preservation of the family farm. More than 150 dairymen went on the[ir] participate in one [of] largest public rel[a]tions efforts of its kind.

Aside from land-use[,] the preservation [of] family farm, [a]nother popular topic of discus[sion] during 1976 was the [fu]ture estate tax. Various [g]roups urged passage of Hou[se] 1793 which called for r[aising] the tax exemption level [from] $60,000 to $200,000.

Eastern Milk Pro[ducers] made front-page headl[ines] the April 10 issue declaring that the fut[ure] Federal Order 2 w[as in] jeopardy. It was also [clear] that milk prices co[uld] expected to drop 65 cen[ts] hundredweight in Apri[l].

(Continued on Page [7]

Look neighbor...

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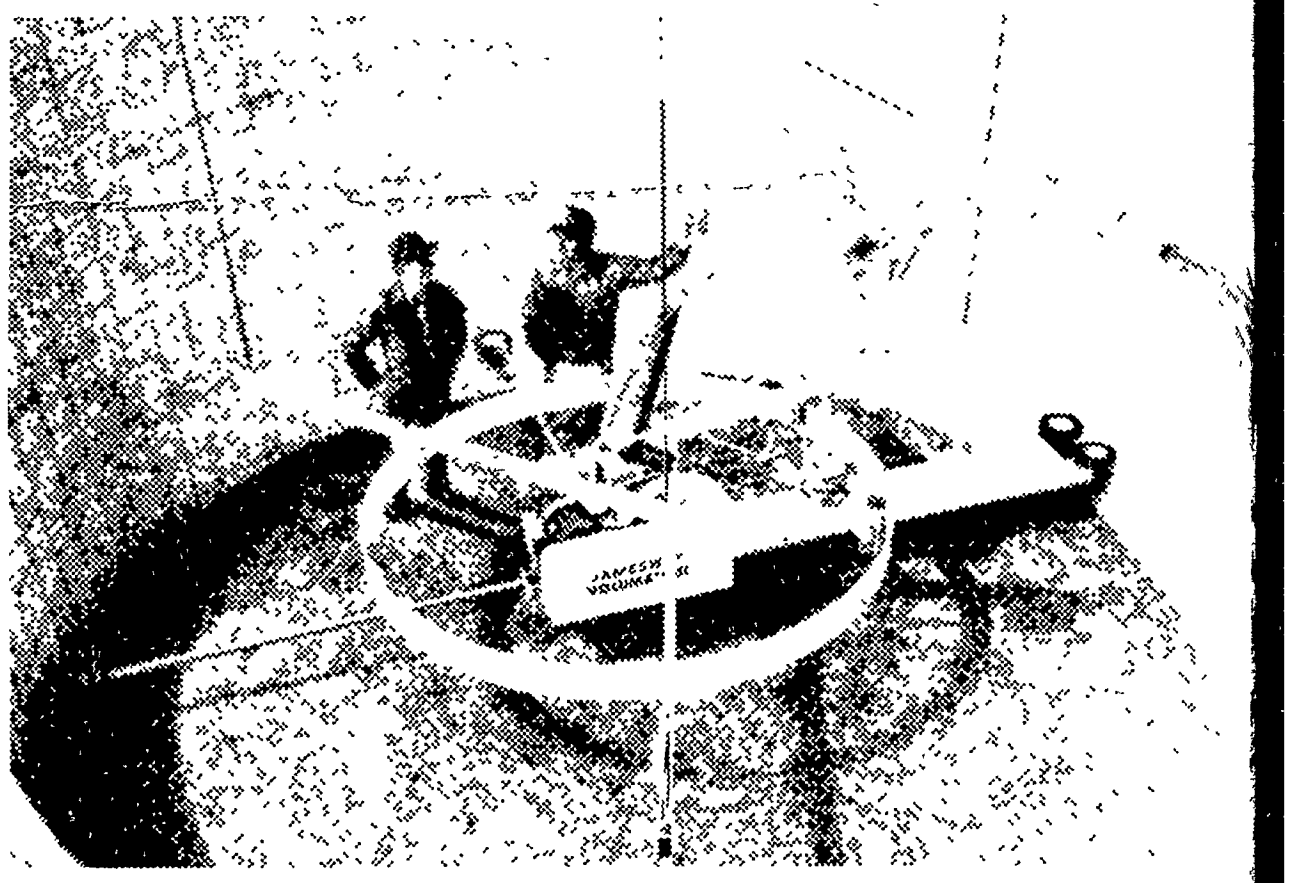

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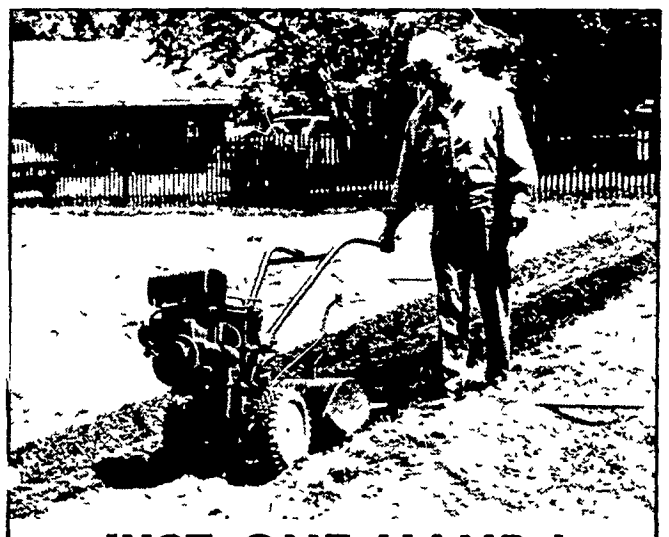

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One last look

(Continued from Page 74)

he perennial Spring flush. Class I milk price was ected to drop to $10.77 per ndredweight by May, mpared to $11.86 just three nths earlier.

Penn Manor's poultry judges made it two in a row in April 1976 by winning the Lancaster County FFA poultry judging contest again.

In Lebanon County, ELCO FFA'ers and the Heidelberg Sportsmens' Club joined forces in April to clean up a three-mile stretch of Hammer Creek.

PESTICIDES PRESSED

Tighter control of pesticides and their application were in the news during 1976. One of the announcements was that the deadline for full compliance would be Autumn of 1977, rather than Autumn of 1976, as had been planned previously.

Sharon Henley was honored at her school's annual FFA banquet in April for outstanding achievements. Taking home no less than seven top awards, the 18-year old lass was also president of her chapter.

An illustration of how agriculture has changed over the years was presented last Spring by Ralph Strock, general manager of Maryland Cooperative Milk Producers. Said he: "The farm is no longer a last resort, it's a place of first choice."

President Ford authorized the closing of a dairy import "loophole" in late March whereby such products as dried milk powder could no longer be brought into the country from overseas in a mixed form.

Two consignment sales sponsored by the Pennsylvania Holstein Association turned out to be record breakers both in terms of volume and average prices paid.

LATE FROST STRIKES

A fairly late yet severe frost damaged much fruit in southeastern - southcentral Pennsylvania orchards during mid April. In some cases 100 per cent of the fruit was destroyed. The weather change followed a pattern of unusually warm weather which had worried most growers for the very reason that early blossoms could be wiped out by frosts. Pennsylvania growers weren't alone in the tragedy as crops were damaged as far south as Georgia.

Another industry which was feeling a squeeze was the mushroom business. Instead of frosts, imports were the culprit in this case. A delegation of Keystone State mushroom growers went to Washington to present their case to Congress.

It was also reported in mid April that lamb prices were high and supplies were decreasing. Choice lambs were quoted at 95 cents to $1 per pound, some even as high as $1.11.

WENTINK HONORED

Hendrik Wentink, assistant to the president of Pennfield Corporation, Lancaster, and chairman of the National Commission on Egg Nutrition, was honored by the Maryland egg industry in April as being "Friend of the Year" in 1976.

Two Lancaster County girls - Vicki Warfel of Solanco and Donna Bender from Ephrata - made big headlines on the Homestead Notes page last April. Miss Warfel received the recognition due to her being a Star Chapter Farmer (and runner-up for Star Red Rose Farmer) while Miss Bender

(Continued on Page 78)

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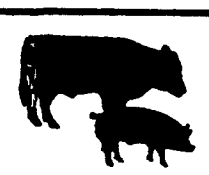

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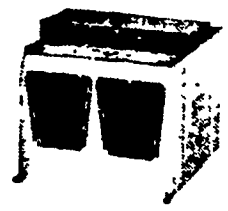

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From left to right, Paul Hess, Jr., vice president of Plain and Fancy Egg Ranch, Inc., presents a silver plate to Richard Gordon for five years of service; and Ethel Brandt and Gloria Sweigart show the watches they received from Paul Hess, Sr. president, for 10 years of service.

These men all had a part in the presentation of the safe driving awards at the Plain and Fancy Egg Ranch Christmas party. From left to right are: Jack Ditzler, who received the three year safe driving award; Leonard Horning, transportation manager, who handed out the awards; Jack Miller, who received the two year safe driving award; Dick Gordon, route forman; and Tom Devonshire, who received the three year safe driving award.

Plain and Fancy honors employees

ELIZABETHTOWN, Pa. - Over 135 Plain and Fancy Egg Ranch employees and their guests attended that company's Christmas Party at the Host Corral, Lancaster, recently. David Heisey, Manheim R4, was named Plain and Fancy Employee of the Year for 1976, and was presented a $100 U.S. Savings Bond for that achievement.

Ethel Brandt, Manheim, R4, and Gloria Sweigart, Manheim R3, were recognized as 10 year employees. Presenting them with watches for their service was Paul Hess, Jr., vice president.

Richard Gordon, recently promoted to route foreman, was awarded a silver plate for five years of employment with the Plain and Fancy Egg Ranch.

Other awards of the evening were presented by Leonard Horning, transportation manager, for safe driving. Jack Ditzler, Hershey R1, and Tom Devonshire, Lawn, won these awards for each having three year records of safe driving. John Miller, Elizabethtown R1, also received the award for two years of safe driving.

During the festivities, Sandy Brubaker provided a medley of piano music, and entertainer Jack Malon presented a magic show.

Egg campaign positive

PARK RIDGE, Ill. - Christmas came early for American Egg Board this year, as checkoff collections reached the $2 million mark on December 22.

"This is a very positive kick-off to the national TV advertising campaign which will start on January 3. The cooperative spirit of the industry is very encouraging," according to Louis B Raffel, AEB executive vice president

The nationwide campaign beginning in 1977 includes national television, spot television in the "top 20" markets, network radio, as well as magazine advertising in Better Homes and Gardens, Family Circle, Redbook, and Good Housekeeping.

Other promotion programs funded by the check-off include a major consumer education commitment, seasonal publicity and merchandising campaigns, state cooperative funding programs, and a regional coordination program.

AEB will also fund a significant scientific research program into the relationship of eggs and heart disease, new product development, and marketing methods Export development is also a part of the AEB program

High Death Rate from Farm Tractors

At least 1,000 lives are lost each year in tractor accidents, reports the National Safety Council. Tractors are involved in one-third of all fatal farm accidents. Two-thirds of the fatal tractor accidents occur on an incline, embankment, or ramp. One-third of the victims are under 25 years of age, and 95 per cent of the operators killed have had at least one year experience in tractor operation. Using the tractor only for jobs it was designed to perform and adhering to the safety precautions during operation would drastically reduce fatalitites and injuries.

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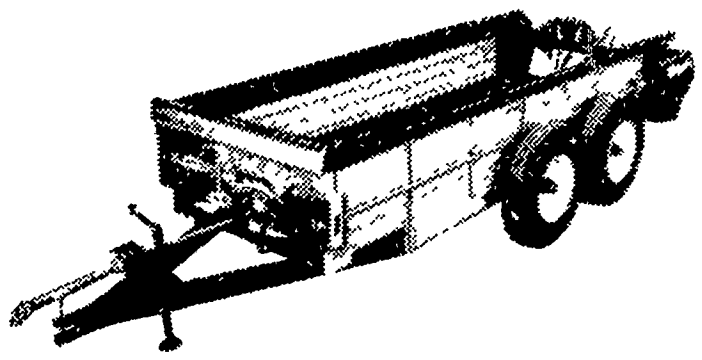
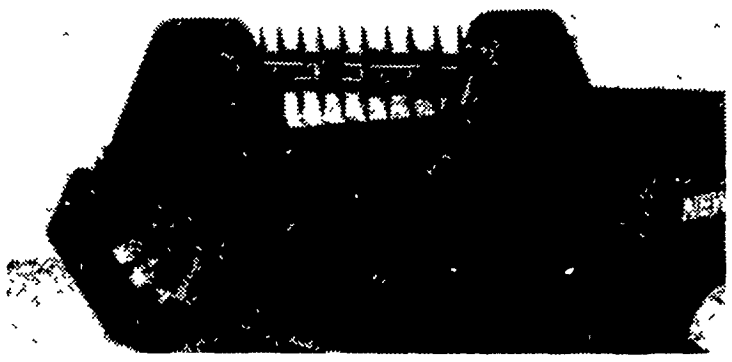


Want to spread less often? Then check out New Idea's BIG new 10-ton manure spreader. Built to save you time.
Everything about this new heavyweight is built for long, trouble-free service. The extra heavy-duty conveyor chain is backed by a 2-year warranty. The spreader itself is backed by New Idea's Full Year Factory Warranty, plus their famous Warranty on Wood. And, it not only has a Belleville spring-type slip clutch that protects the power train — it also features an exclusive "Conveyor Overload Protection System." Available in single or double beater models, with optional hydraulic endgate or pan attachment for handling sloppy manure.
Stop in and inspect New Idea's 10-ton spreader. Maybe now's the time to trade up to a bigger spreader. So you'll spread less often this year.

New Idea's Manure Spreaders

Upper cylinder optional on any new New Idea Single Beater Spreader.



Levels load... improves spread pattern.

Thinking of a new spreader? Think about a New Idea Single Beater. With an optional upper cylinder, it's the very last word in leveling out heaped loads and gives you a better spread pattern. Available on any of the 5 sizes of New Idea Single Beaters—from 116 to 318 bushels. You can use the optional hydraulic endgate with the upper cylinder in place!

Come take a look.

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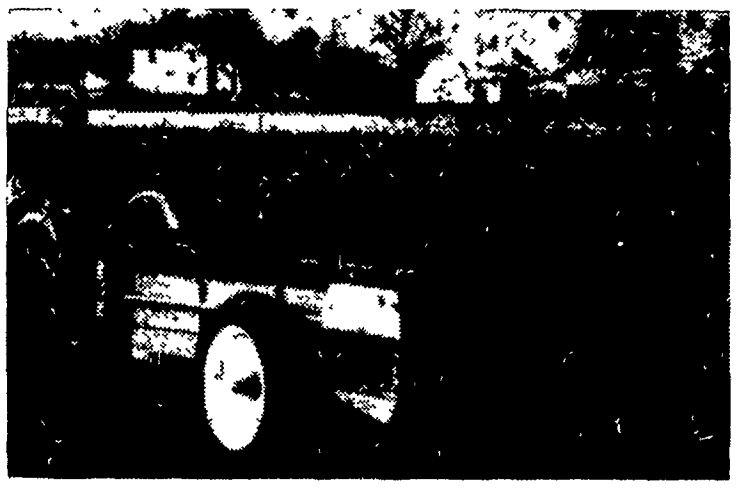

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Mechanical Endgate. Fits any New Idea Cylinder/Paddle or Flail spreader. Closes with hand crank, opens from tractor seat. Fits snug for loading and hauling.

All New Idea Spreaders are backed by the famous Warranty on Wood in addition to a Full Year Warranty.

New Idea's Manure Spreaders

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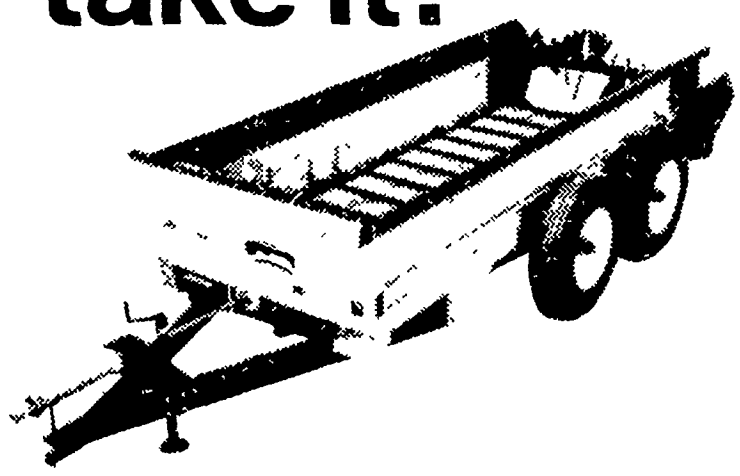


That's why they use Penta treated clear yellow pine in every New Idea Spreader box.

Every New Idea spreader in the line has wood sides, bottom and end . . because wood can take it. Wood battles against damage. Wood won't bend, can't rust . and fights corrosive acids better than any other spreader box material
Warranty On Wood That's why only New Idea says, "In the unlikely event that any of the wood components in your New Idea Manure Spreader rot through, Avco New Idea will make replacement, no charge Replacement will be made without cost to you, the original purchaser, at your nearby New Idea dealer no charge for wood, no charge for labor or freight "

SEE DEALERS ON OPPOSITE PAGE.

One last look

[Continued from Page 75]

made a highly successful change from town-oriented activities to FFA membership. An academic student with a career in medicine in mind, Miss Bender joined FFA because of the activities it offered. She excelled in several FFA judging contests.

"It is up to you to let the public know how things are on the farm," congressman Bob Kastenmeier (D. -Wis.) told a group of dairy farmers at a conference in Washington in April.

FFA dairy judges from Ephrata High School won a state judging contest in mid April. Members of the first place team were Bob Fox, Linford Frey, Kevin Smoker, and Mark Weiler.

PEACHY WEEKEND

The second annual Peach Blossom Festival began at Maple Lawn Farms on April 24. Home of Paul and Gail McPherson, the young couple is highly active in promoting agriculture - and especially peaches. McPherson is president of the National Peach Council.

"Hog cholera outbreak possibly introduced by outlawed vaccines," read a headline appearing in the April 24 issue of Lancaster Farming. Making the accusation was the USDA, and they had evidence to prove it.

Two University of Maryland professors and a Cecil County cattleman were named "Outstanding Spokesmen for Agriculture" in a nationwide contest. The farmer, Henry Holloway has been a PR man for agriculture for years, and was featured in numerous newspaper articles, including Lancaster Farming.

NH STABLES EXPANDED

The New Holland Sales Stables expanded last Spring, and even used old fashioned construction techniques to erect the new barn. The new building was put up for calves, feeder pigs and an auction ring. While all that in itself was newsworthy, an interesting detail was that joints were made with mortise and peg - a construction principle which isn't seen too often anymore, except where the Amish are. Amishmen were, in fact, doing the work on the new building.

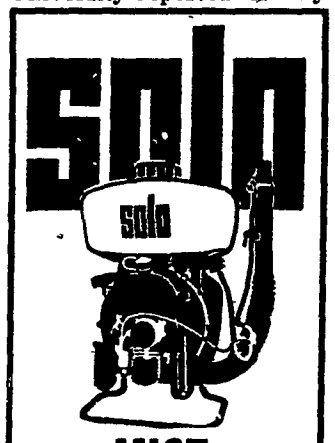
Cloister FFA land judges dominated the Lancaster County contest last year when Curtis Martin topped the individual list and the school team outdistanced its rivals.

Penn State's ag enrollment was reported to be up by 170 per cent since 1969, the University reported in May of last year. The College of Agriculture thereby became the fifth largest in the nation with 3,463 undergraduates enrolled in ag curriculums.

Farm editors from all across the United States met in Washington, D. C. in late April. Among their activities were meetings with ag spokesmen on Capitol Hill and President Ford. One of the many bits of news to come out of it was that world grain production was expanding and that demand for U.S. grain abroad would slacken a bit for the near future.

Farm issues were discussed in Washington D.C. last Spring by top officials and members of the Newspaper Farm Editors of America. Among those who granted time to the editors was President Ford.

solo



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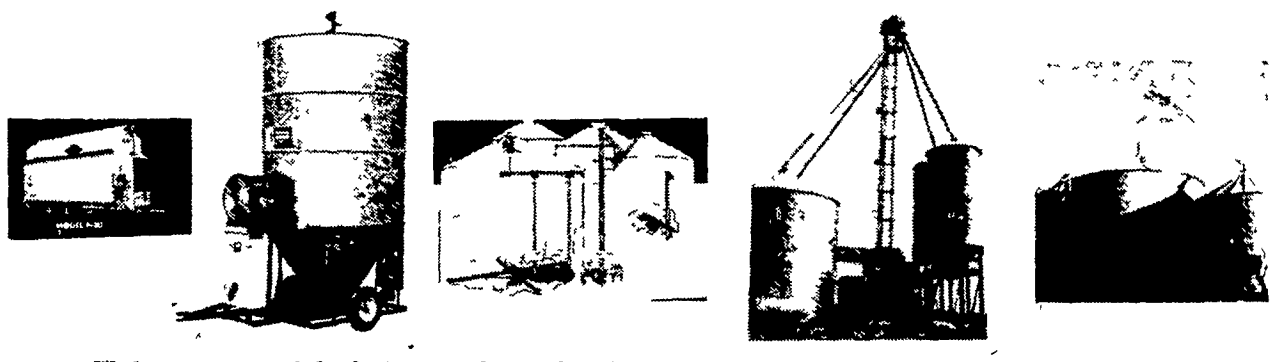

We have compared the features and cost of various type drying and storage systems. The following are the most practical at the lowest possible cost: simplicity in design, lower operating cost, dependable performance, quality material. Minimum maintenance under normal farm conditions.

CONTINUOUS FLOW and Wet Holding Bin	Drying Cap Bu./hr 5 P	FAN H.P Dry	FAN H.P Cool	NORMAL DRYER SALE	Wet Holding Bin Bu. Cap	Wet Holding Bin SALE	UNIT SALE
	200	1 - 13	1 - 3.9	$4335	2000	$1123	$5458
	300	2 - 9.75	1 - 6.5	5987	3600	1600	7587
	400	2 - 13	1 - 9.75	6691	4500	1815	8506

AUTOMATIC BATCH and Wet Holding Bin	Dry & Cool Bu./hr 5 p	FAN H P. Dry & Cool	SALE	Wet Holding Bin Bu. Cap	Wet Holding Bin SALE	UNIT SALE
	130	1 - 13	$4045	2000	$1123	$5168
	195	2 - 9.75	5559	3600	1600	7159
	260	2 - 13	6006	4500	1815	7821

	Bin Size	Bu. Capacity	SALE
IN BIN DRYER complete w-7 ring bin, fan and heater transitors, grain spreader, stirway, unloading system	18 dia. x 7 ring	3485	$4767
	24 dia. x 7 ring	6303	6462
	30 dia. x 7 ring	10,200	8058

To make up a complete drying and storage package, select any of the following systems plus one of the above drying units. Many other sizes available.

STORAGE BIN Size	Bu	SALE		
18-7	4363	$1581	$3188	Storage system includes bin, aeration fan, transition, floor panels, unloading unit, augers and motors from dryer to bin. Electric.
24-7	7981	2264	4032	
30-7	12,819	3274	5418	
36-7	18,963	4398	6664	

Financing and 5-Year leasing with $1.00 purchase option available. Payments can be deferred till Sept. 1977. Also approved for ASCS financing.

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Dairy outlook

Milk production up, prices down

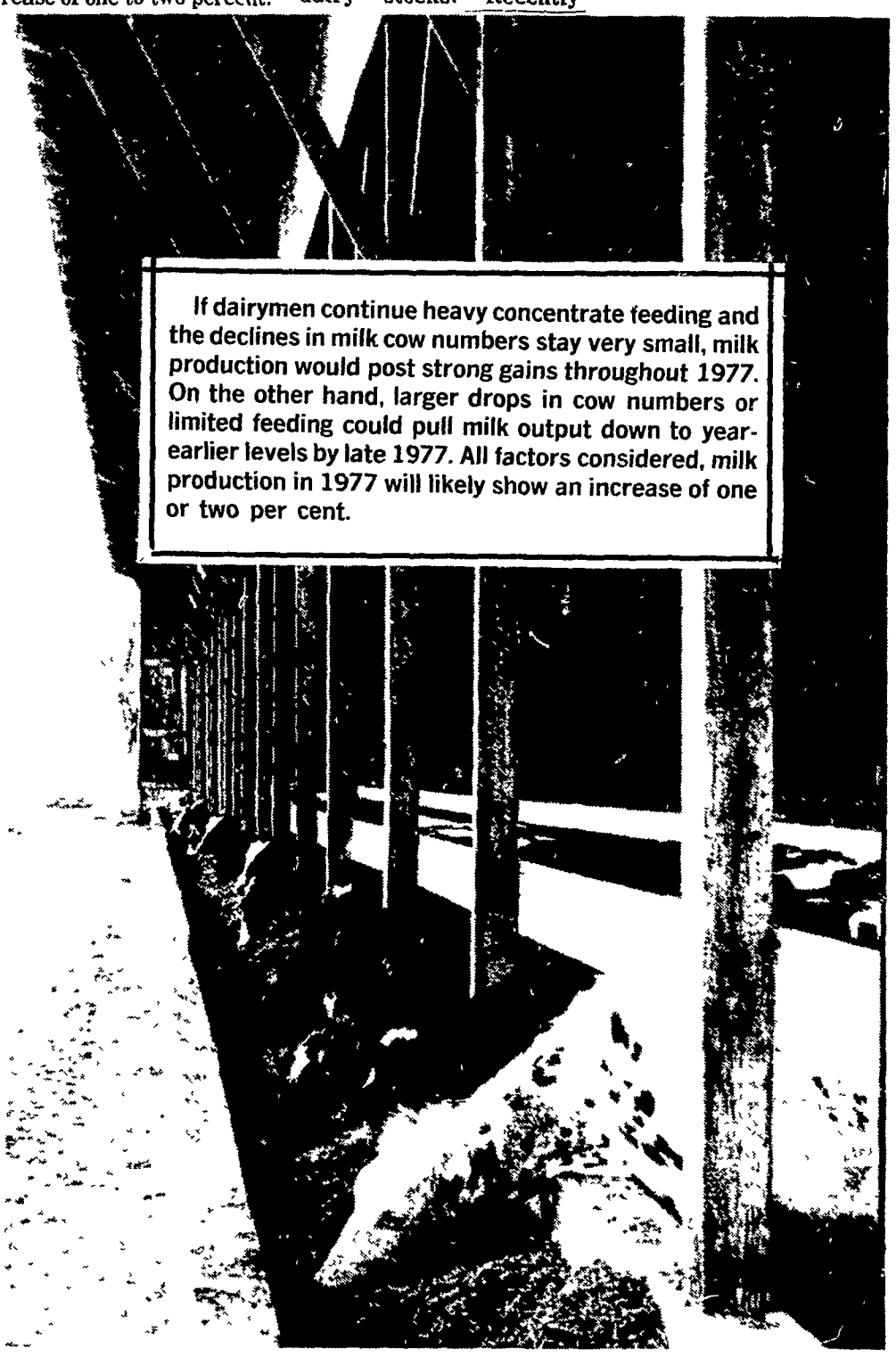
R' NOTE: The is based on a talk Charles N. Shaw, of nomic Research USDA, at the Outlook Con- Washington, D. C., r 17, 1976.

WASHINGTON, D.C. - Milk production likely will remain above year-earlier levels in early 1977, although the rate of gain likely will slacken when compared with last year's (1976) rapidly increasing output. Continued strong gains in output per cow probably will more than offset moderate declines in cow numbers.

Milk production later in 1977 will depend on milk prices, cull cow prices, crop conditions and subsequent feed prices, and developments in the general economy. The greatest uncertainty is whether or not the expecterd lower milk prices and the return to surplus conditions in the dairy industry will substantially slow the increases in milk output. If dairymen continue heavy concentrate feeding and the declines in milk cow numbers stay very small, milk production would post strong gains throughout 1977. On the other hand, larger drops in cow numbers or limited feeding could pull milk output down to year-earlier levels by late 1977. But all factors considered, milk production in 1977 likely will show an increase of one to two percent.

Farm milk prices were quite strong during 1976 as most of the increased milk output was absorbed by brisk sales and the needed rebuilding of commercial dairy stocks. Recently however, the surge in supplies and dropping wholesale prices have sharply limited seasonal rises in farm milk prices. Farmers received an

(Continued on Page 80)



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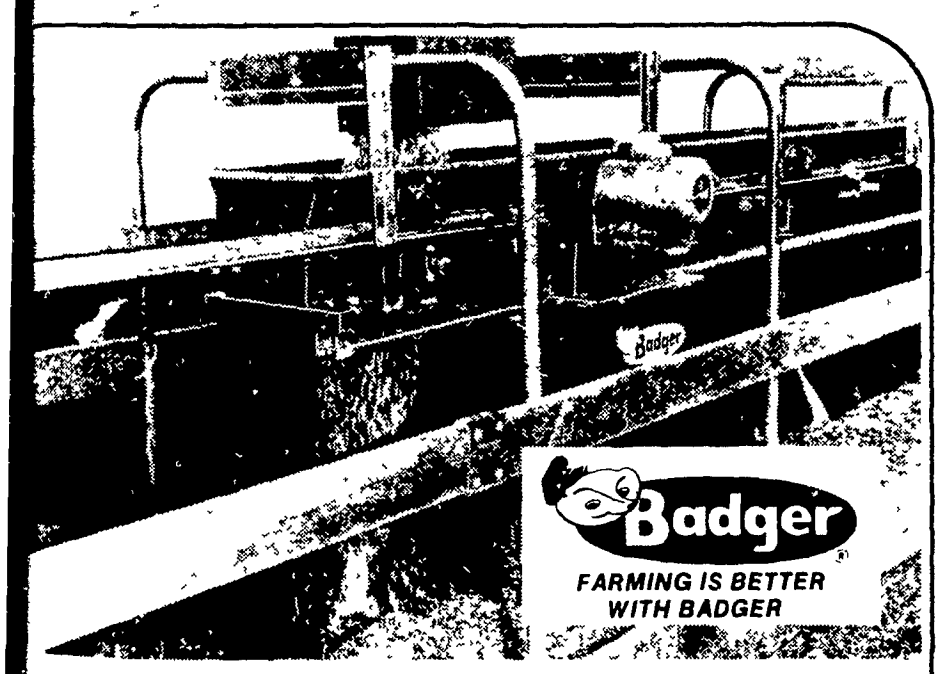

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Dairy outlook

[Continued from Page 79]

average $10.00 per 100 pounds of milk in October, up 89 cents from June but only 30 cents from a year ago. Manufacturing milk prices were only about 36 cents above the new $8.26 support level, when adjusted to annual average fat test. Although farm milk prices probably will close out the year below a year ago, milk prices for all of 1976 likely will average close to $9.70, up 95 cents from 1975. Total cash receipts from dairying could reach $11.4 billion, up from $9.9 billion last year.

With the expected heavy supplies, farm milk prices in early 1977 could average well below a year earlier, even if demand stays strong. Prices later in the year will depend on milk production, commercial sales of dairy products, and support price actions, but the average for all of 1977 could be below 1976, the first annual decline since the 1950's.

The very rapid increases in retail dairy prices in late 1975 left retail prices at a fairly high plateau in 1976. Although relatively stable since January, dairy prices at retail likely will average about eight per cent above 1975. However, the increases from a year earlier probably will be quite small by early 1977 and the average for all of next year likely will be only slightly above this year.

One of the more dramatic developments in 1976 was a substantial expansion in the demand for dairy products. Despite the much higher retail prices, total dairy sales this year could be up two per cent from last year and a record high. Booming cheese sales have provided much of the strength in total sales. During the first nine monthes of 1976, commercial disappearance of American cheese was up 11 per cent from 1975 and other cheese sales posted a similar gain.

Fluid milk sales were slightly above last year's fairly strong levels. Although well below the brisk sales of 1975, butter sales in January-September were above the 1970-74 average. Sales of ice cream did not match last year's high level but commercial disappearance of nonfat dry milk rebounded. Generally stable retail prices may well allow dairy sales to increase again next year, although a repeat of 1976's large jump is not expected. Cheese sales probably will be helped by continued rises in consumer purchasing power and expected increases in meat prices. Commercial disappearance of butter could be about the same to slightly lower, as the difference between retail butter and margarine prices probably will stay wide. Gains in lowfat milks may about offset declines in fluid whole milk.

Per capita civilian consumption of dairy products in 1976 could be only slightly higher than 1975's 546 pounds milk equivalent. The sizeable increase in sales per person this year was largely offset by lower government donations. With the expected larger CCC supplies available for donation next year, per person use of milk could post a significant increase.

After being quite low in early 1976, commercial dairy stocks have risen sharply and are now verging on being burdensome. On October 1, commercial holdings were up more than 40 per cent from last year's low level. With the large jumps in output, commercial stocks of American cheese were the second highest of any October 1 on record after increasing counter-seasonally during September. Butter stocks in commercial hands were also fairly large, although they dropped considerably in September. Manufacturers' stocks of nonfat dry milk remained heavy in relationship to the reduced level of sales. Government holdings on October 1 were negligible except for the still-large stocks of nonfat dry milk.

USDA purchases of butter and cheese have been almost insignificant this year. The equivalent of only a quarter billion pounds of milk was removed during the first 10 months of 1976, compared with two billion pounds a year earlier. However, this picture is changing rapidly and net removals in October were the largest this year, as all three products were purchased. The 120-million pound net removals of nonfat dry milk during January-October were substantial but were less than a third the amount removed during the corresponding period in 1975. CCC purchases are likely to be heavy in early 1977. Increased milk output combined with large commercial dairy stocks may easily outstrip demand.

January-September imports last year, (1976) were somewhat above 1975's low levels as cheese im returned to levels typi the early 1970's. Abo billion pounds equivalent were import the first nine months o year, up from 09 b pounds a year ago. strong market for d resulted in somewhat l imports of both quota non-quota cheese, de price rises resulting fro various countervailing agreements with Euro countries.

Marketing group set for beef referendum

KANSAS CITY, Mo. - A Marketing Committee for the Beef Referendum, which will distribute information and build support for the spring vote on the beef market development plan, has been established by the marketing sector of the cattle industry.

The Committee was created Dec. 17 at a meeting here of selected national marketing leaders. Named joint chairmen were Charles Jennings, president, Kansas City, Mo., Stockyards Co., James Seabeck, president, Stockland Livestock Exchange, Inc., Spokane, Wash., and Hugh Craig, owner of the Jepeway-Craig Commission Co., Inc., Dublin, Ga.

The Beef Development Taskforce is the driving force behind the Beef Research and Information Act, signed by President Ford last May, which authorized the referendum. The referendum will allow the nation's cattlemen to vote on assessing themselves to fund greatly expanded beef research, information and promotion programs.

Beyond providing factual information, the committee will work for every marketman's support of the referendum. "The entire livestock industry stands to gain if the referendum passes," Scott said, "and we also want to make sure the marketing businessman does everything he can to make sure his customer's decision is based on a thorough understanding of the proposed plan."

Japan Still Number One for U. S. Farm Products

Japan, the number one customer for U. S. products, after Americans, will import 5.7 million tons of wheat this marketing year, the U. S. Department of Agriculture has estimated. This is about 150,000 tons over what the estimate had been.

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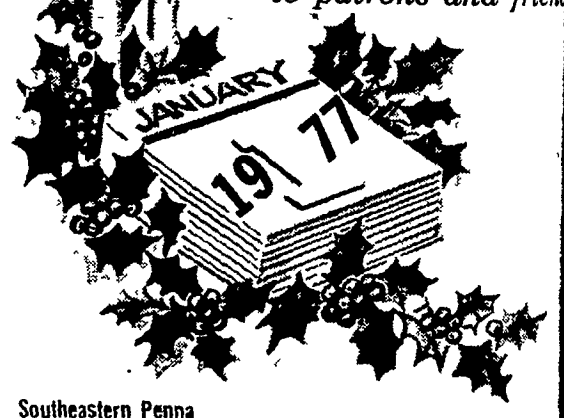

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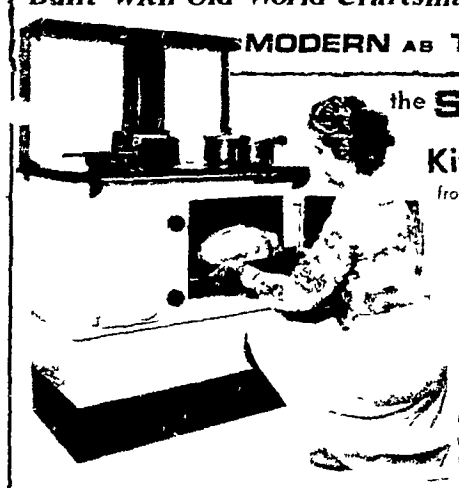

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EASY TO CLEAN Stanley's beautiful vitreous enamel finish needs no pampering — a quick wipe over does the job Inside the constantly heated oven is virtually self cleaning

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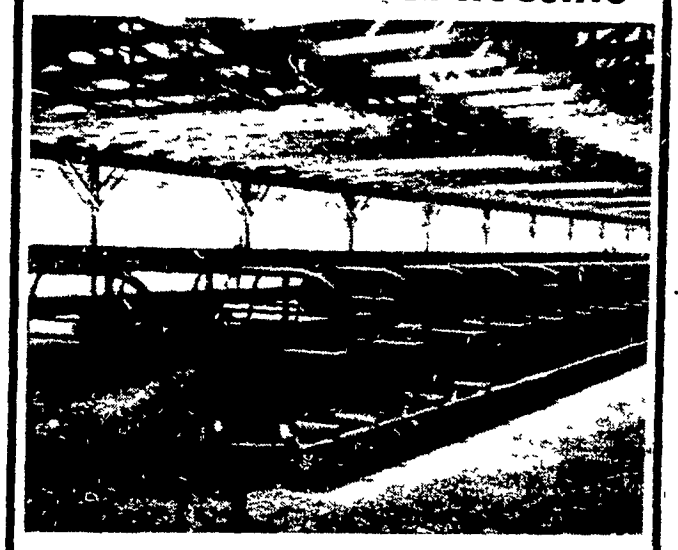
Invest in a lifetime of comfort and service with a Stanley Kitchen Range quality crafted by Waterford Ironfounders Ltd Write for the name of your local dealer!

Distributed By WOOD HEAT
Rt 212 Pleasant Valley, Quakertown PA 18951
Phone (215) 346 7894
Limited Number of Dealerships Still Available

FREY FREE STALL
LIFETIME FREE STALL HOUSING



Cut bedding costs 75 per cent, reduce labor for barn cleaning and cow washing; reduce teat and udder injury to the minimum — house your milking herd in free stall housing Each cow provided a stall for loafing She won't be stepped on, the rear curb forces manure out into alley for mechanical cleaning or washing. A few minutes twice a day cleans the stalls and curbs, bedding lasts almost forever if your stalls fit the cows Popular sizes are 6'6", 7' and 7'6". Size 'em by breed

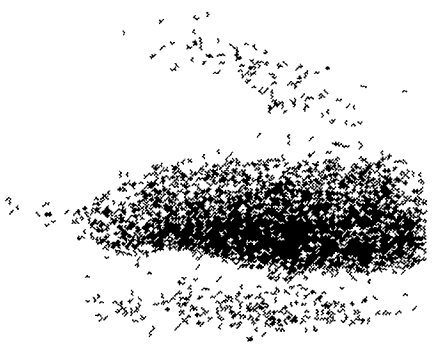
Our free stall partition may be mounted on wooden head boards or we make a steel divider. Set the legs in 8 to 10" concrete curbs to hold and retain bedding. Stall floor can be soil, sand or gravel. Bedding — straw, sawdust, peanut hulls, ground corn cobs, etc. Should be installed with paved alley surface 8 feet wide for mechanical cleaning or washing.

- 8 Models all steel welded farm and feedlot gates
- 2 Models all steel welded head catch gate

For prices, contact: Fred Frey, Mgr.

(717) 786-2146

FREY BROS.
RD2 Quarryville, PA 17566



The Mahlon Lehman farm, located midway between Elizabethtown and Middletown, has been in the same family since 1800. The first white settlers took possession of the property in 1743.

Bicentennial farm

Laundry propelled by puppy power

By DIETER KRIEG

EDITOR'S NOTE: This is the 31st and final article in a series which was begun a year ago to recognize and salute area farms which had been in the same family for 100 years or more. It was one way of paying tribute to agriculture during 1976, this nation's Bicentennial, and to underscore the fact that agriculture is the foundation of any civilization.

ELIZABETHTOWN, Pa. - Three-quarters of a century ago there was a dog in extreme southern Dauphin County who didn't like to be around home on a Monday morning. Every Monday morning, without fail, he went into hiding, the story goes One might say he was mistreated - he certainly wasn't leading a regular dog's life.

The dog, we're told, supplied the power each Monday morning to run a mechanical washing machine in the early 1900's.

Telling the story are Mr. and Mrs. Mahlon Lehman, owners of a 171 acre farm which has been in their family since 1800. The pup-powered laundry was reportedly owned by a neighbor in the area, but it's still being talked about to this day as an example of how animals were put to work to help man in his work.

The Lehmans had a contraption of their own which harnessed regular good old fashioned hay burners for the purpose of running a threshing machine.

Each of four horses was tied to one of four beams protruding from a vertical shaft which extended up through the stable ceiling and into the grainery. The horses walked around in a circle in the stable, and their motion was transmitted through shafts, pulleys, belts and gears into the actions necessary to separate the wheat from the straw. It was a boring job for the hay burners, and apparently also for the young lad whose job it was to keep the hooves stomping.

"My father used to talk of getting hollered at to keep the horses going - to move faster and pay attention," recalls Lehman, who has owned this southern Dauphin County farm for the past 10 years. The original property consisted of 143 acres. Now there are 171 acres, says Lehman. He lost some ground to highway construction (Pa. Route 283 cuts through the fields) but purchased additional acreage to bring the total up to 271.

Originally deeded to a white settler in 1743, the property was transferred to Jacob Lehman in 1800. Since then it has been passed down from one generation to the next. Mahlon is head of the sixth family to own and operate this farm and he and his wife both agree that the place has been "a very nice place to live and raise a family. We hope the farm will stay in the family," they said.

The farm is located in Londonderry Township, about midway between Elizabethtown and Middletown.

As was the case with most farms in years gone by, the Lehman homestead probably had a little of everything, its present owner believes. Today, however, it's primarily a dairy farm, and that's how Lehman has always known it. Married to the former Ethel Brubaker of Mount Joy, they have five children and two granchildren. They maintain a herd of approximately 100 Holsteins, of which half are of milking age.

"I always liked farming and couldn't wait to get out of school to get home to farm and work," said Lehman in answer to a question. Of special interest to him are his "Lehmanstead Holsteins."

One of the more unusual facts about the Lehmans is that they still do their own butchering. It's a way of life which has faded from many a farm in the area, but not here. They have their own butchering tools and process several hundred pounds of bologna annually - not to mention a variety of fresh meat. Lehman's brother-in-law, Clarence Givens, helps along this line a great deal.

A spring near the house still supplies the farm with water as it has for generations. There is no well here. "It went dry twice, but only because someone left a spigot open," commented Lehman. For as long as he can remember, water has always been pumped from the spring to the house and barn. Before electrical service was installed, the family relied on a 32-volt Delco system. It provided power for the lighter mechanization of the day, while horses propelled the big machines. And, of course, if you didn't have electricity, you could call the family pooch in for duty and hope he wasn't hiding too well.

The Lehmans' barn was originally built in 1815 and rebuilt around 1880, according to impromptu records left on the walls, and verbal family history.

The end of the year means it's time to go through the record books to calculate taxes, losses and profits. Taking a little of their time to share their experiences and memories of life on a "Bicentennial Farm" were Mr. and Mrs. Mahlon Lehman.

PA. BERKSHIRE BREEDERS ASSOC.

BRED GILT SHOW & SALE

AT 61st PENN. FARM SHOW

Harrisburg, Penna.

SHOW: MONDAY, JAN. 10, 77 - 12:30 P.M.

SALE: WEDNESDAY, JAN. 12, 77 - 1:00 P.M.

Annual Meeting: Jan. 10, 2:00 P.M. in Room B of the Farm Show Building. Whatever your interest in the Berkshire Breed, please feel welcome to attend.

For catalog contact

ARLIE CORNBOWER,
Rt. 1 Box 41
New Freedom, PA. 17349 PH: 717-235-1549

Eggs down

HARRISBURG, Pa. - Pennsylvania layers produced 257 million eggs during November, down one per cent from the previous month and nine percent below a year earlier, according to the Crop Reporting Service.

The November average of 13.1 million layers is up three per cent from the previous month but down seven per cent from a year ago.

The nation's laying flocks produced 5.3 billion eggs during November, down two per cent from the previous month and slightly below a year earlier. The number of layers during November averaged 278.6 million compared with 279.0 a year earlier.

Public Sales Register

January

SAT. JAN. 1 - 10 A.M. Public Sale of Tractors and Farm Equipment, Tools, Household and Antiques. From Route 11 at Inwood, West Virginia, turn East on Route 51 travel 3 miles to Haines' Market, turn right, .2 of a mile to sale or from Charles Town, W. Va., take Route 51 West of Haines' Market, turn left, .2 one a mile to sale. Edgar A. Bohrer, Sale Manager; Mullendore, Morrow, and Bohrer, Auctioneers.

SAT. JAN. 1 - 1:30 P.M. Feeder Pig Sale by Norman M. Martin, RD No. 1, Myerstown, Pa. located 2½ miles South of Bethel from US 22 and 6 miles North of Myerstown, Pa. along US 501.

SAT. JAN. 1 - 10 A.M. Antique Sale of Furniture, Dolls, and Guns at the Farmersville Auction located at Farmersville, 3 miles East of Brownstown, Lancaster Co. Sale by John J. Rutt.

TUES. JAN. 4 - 1 P.M. Special Graded Feeder Pig Sale at the Lancaster Stockyards, Inc. Lancaster, Penna.

TUES., JAN. 4, 1977, 11:30 AM - Public Sale of 54 head super top ABS high grade Holsteins. Frank Kochmer Dairy Dispersal. Take 81 North to Clark Summit exit, then 309 to Route 6; 3 miles on Route 6 to Saddle Lake Road, Overfield Township, Wyoming County. Watch for auction arrows. Jerry Burke, A.H. Heller, Auctioneers. ABS Rep. Don Lunger.

WED. JAN. 5 - 9:30 A.M. Consignment Sale to be held at David Good's ½ mile north of Route 23 on North Maple Ave. in Leola, Lancaster County, Pa. Watch for signs. Auctioneers - F. Snyder, R. Martin, C. Wolgemuth, J. Fry, L. Horst.

WED. JAN. 5 - 12:00 Sharp Holstein Dispersal of George Barkman Farm located 2 miles South of Shanksville off Shanksville Brotherton Road or 9 miles East of Somerset off Rt. 31 at Brotherton toward Shanksville. Sale by Mr. & Mrs. George Barkman, Owner; Mishler and Claycomb, Auctioneers.

SAT. FEB. 5 - 1:30 P.M. Public Auction of Valuable Real Estate (Farm Approx. 68 acres) located approx. 1 mile North of Lititz Borough, Pa. along Brunnerville Road in Warwick Township, Lancaster Co., Pa. Sale by Abram F. Hershey and Ethel B. Hershey; E M Murry, Assoc., Auctioneers.

WED. JAN. 5 - 12 Noon. Day Horse Sale to be held 2 miles East of Intercourse, Pa., along Route 340 at Paul Z Martin's Sale Barn Martin Auctioneers

WED JAN 5 - Special Draft Horse & Mule Sale to be held at Paul Z. Martin's Sales along Rt. 340, 2 miles East of Intercourse & 4 miles south of New Holland. Martin Auctioneers

THURS. JAN. 6 - 9:00 A.M. Public Sale of Farm Equipment. Located at our place of business six miles south of Chambersburg, Pa., one mile East of Marion, just East of Marion Exit for Rte. 81 along Rte. 914. Ralph W. Horst, Auctioneer & Sale Manager.

THURS. JAN. 6 - 5:30 P.M. Public Auction at the Hat & Gavel Auction Co. located one mile North of Lititz along Rt. 501. Wilbur H. Hosler, Auctioneer.

FRI. JAN. 7 - 7:30 P.M. Special Sale of Steers, Calves and Cows at the Leesburg Livestock Market, Leesburg, Virginia.

FRI. JAN. 7 - 11:00 A.M. New Holland Sales Stables Special Draft Horse & Mule Sale to be held at the New Holland Sales Stables, New Holland, Pa.

FRI. JAN. 7 - 5:30 P.M. Public Sale at Gap Auction located off Route 41- Lancaster Ave. opposite Turkey Hill Minit Market, Cross RR Bridge. Antiques sold at every auction. Ira Stoltzfus and Son, Auctioneers.

FRI. JAN. 7 - 12:00 Noon Sharp. Macklyn Farm Dairy Dispersal. Located on the farm at Lake Montrose, Pa. 1 mile N. of intersection of Rt. 29 & 706 at Lake Montrose, 20 miles south of Binghamton, NY, 35 miles N. of Scranton, 8 miles W. of New Milford & Rt. 81. Owners - Maurice W. & Marquerite B. Mack. Merton L. Bunnell, Auctioneer & Sale Manager.

SAT. JAN. 8 - 10:30 A.M. Public Auction of Farm Machinery, Truck, Dairy Cattle, Bulk Tank, Milking Equipment. Located 1 mi. West of Hampton, along the Hampton-Asbury Rd., Hampton is located 5 mi. North of Clinton, NH & 5 mi. South of Washington along Rt. 31. Thomas Wright, owner. Sale conducted by Col. John T. Kachmar.

SAT. JAN. 8 - 1977, Public Sale of Farm Equipment by Mrs. Phares W. Hoover located North of Ephrata along RD1 Ephrata, Pa. John E. and Paul E. Martin, Auctioneers.

SAT. JAN. 8 - 10:00 A.M. Public Sale of Farm Equipment & Construction Equipment. Consignments welcome. York Co. Farm & Industrial Equipment Co., Inc., 4 miles North of York, Penna. on Route 181, Emigsville, Pennsylvania 17318

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P M
Horse Auction
2nd Saturday each month
1 P M
FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va
703 364 4861

SAT. JAN. 8 - 10:30 A.M. Public Sale of Household Goods & All Kinds of Tools. Located along Rt. 23 at 46 E. Main St., Leola, PA next to Dart Container. Terms by Grace B. King, power of attorney for Joseph N. Sensenig. Robert E. Martin, 656-7770 & Frank L. Steller, 656-8195, Auctioneers.

SAT. JAN. 8 - 1:00 P.M. Sharp. Raymond L. Breckbill Holstein Milking Herd Dispersal. Location: 5 mi. east of Lancaster, Pa. along Rt. 340 in the village of Smoketown, Lanc. Co., Pa at Gordon Fritz Quality Holstein Sale Barn. Owners - Raymond & Bertha Breckbill. Diller & Kreider, Auctioneers.

SAT. JAN. 8 - 10 A.M. Country Store Auction at Intersections of Route 10 & 41, Village of Cochranville, Pa. 8 miles N. of Oxford, Pa. Sale by order of Emma E. Gill, exe. of Estate of Leon H. Gill; Whiteside Auction Service, Harry W. Whiteside, Auctioneer.

SAT. JAN. 8 - 10:00 A.M. Public Sale of Farm Equipment & Construction Equipment. Consignments welcome. York Co. Farm & Industrial Equipment Co., Inc., 4 miles North of York, Penna. on Route 181, Emigsville, Pennsylvania 17318

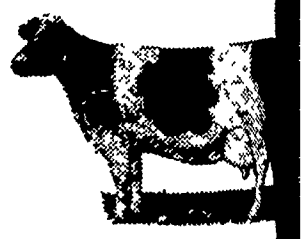
SAT. JAN. 8 - 10:30 A.M. Special Horse Sale at the Danville Livestock Market, located old Rt. 11, Danville, Pa. Owner: Melvin M. Lehman.

JAN. 11, 12, 1977 - Bred gilt sale, Farm Show Building, Harrisburg, Pa. All Breeds, Berkshire, Chester White, Duroc, etc., etc. Harry Bachman, Auctioneer.

PUBLIC AUCTION
MONDAY, FEBRUARY 7, 1977
CONSIGNMENT FARM EQUIPMENT AUCTION
By
BINKLEY & HURST BROS.,
Rothsville, PA.
Please call Binkley & Hurst Bros. 717-626-4705 if you have any Farm Equipment you would like to sell on this auction.
Please let us know as soon as possible so we can advertise.
John E. and Paul E. Martin, Auctioneers.
717-733-3511 or 717-733-3305

41st SWINE SALE
• Production Tested •Certified Meat Tested
OUR ANNUAL
WINTER SALE
JAN. 14, 1977
1 P.M. at the Farm
SELLING 200 HEAD - 50 BRED GILTS - 40 BOARS - 110 OPEN GILTS
New Irish Import Bloodlines
Landrace And Large Whites (Yorkshire)
Something we all need. The pigs of tomorrow can be bought today.
YOU CAN BE THE FIRST TO OWN THIS NEW BLOOD
★ Pure Irish Boars
★ Pure Irish Gilts Bred To Pure Irish Boars (own and farrow your own Irish litter)
★ All From Irish Meat And Feed Tested Stock
★ Native Gilts Bred To Irish Boars For First Cross Bloodlines
1976 NEW YORK STATE FAIR KEEPS OUR BREEDING STOCK OUT IN FRONT we had both Champion and Reserve Champion carcass pigs on the rail sired by Winston 80-5 and Explorer 169-7.
ON FOOT N.Y. WINNERS INCLUDE:
Sr. Champion Boar sired by Winston 80-5, Res. Jr. Champion Boar and Res. Grand Champion Boar sired by Royal Crown 139-6, 1st February Gilt sired by Explorer 169-7 and Premier Breeder Award - Our Fifth straight year for this award in New York.
We also exhibited the Top Gaining Pig in the Production Barrow Contest at N.B.S. 1976 at Austin, Minn
Catalogs available
BROOKS END and PAR KAY FARMS
Reno H. Thomas, Sale Mgr.
Beavertown, Pa. 17813
Phone. 717-658-5821; 6544; 7007

PUBLIC SALE
OF 98½ ACRE FARM
Located along Marion Drive, approx. 2 mi north of Rte. 422 and 1 mile west of Rte. 419 D. No. 1, Womelsdorf, Marion Township, Be County, Pa.
SATURDAY, JANUARY 22, 197
at 1:00 P.M.
REAL ESTATE CONSISTS OF: 98½ acre limes farm, terrain mostly level to gentle slope, in high of cultivation, soil very clean, no rocks. 85 acres med at present, remainder in pasture land.
BARN: Frame and brick with shingle roof, 45' x 1 drive-in bays, old type stables for steer feeding A implement sheds and corn storage.
HOUSE: Brick with tin roof. 1st floor has 3 rooms, b and utility room for washer and dryer. 2nd floor h bedrooms.
Water supply - very strong spring with pres system. Conrad Weiser School District.
COMMENTS: An outstanding property in a very n setting. Buildings set off of macadam road in fr lane, most of the ground is visible from the buildin This farm is one of the very fine and fertile farms Western Berks County.
Terms: 10 per cent down day of sale, settlement on before April 1, 1977. Inspection by appointment
For more information and appointments for inspect call:
HORNING FARM AGENCY. INC.
Main St., Morgantown, Pa.
215-286-5183
Terms by:
Anna Mauser Livingood Brown Est
Executor: Fenwick Peter Brown
Attorney John T. Wertz
Elton Horning, Auct.
Alvin Horning, Auct.

MACKLYN FARM
DAIRY DISPERSA
Montrose, PA.
Susq. Co.
Due to the tragic death of our hired man, w are forced to sell our complete dairy. On th farm located at Lake Montrose, Montrose, Pa. mile north of intersections Rt. 29 & 706 at La Montrose, 20 miles South of Binghamton, N. 35 miles North of Scranton, 8 miles West of Ne Milford & Rt. 81.
FRIDAY, JAN. 7, 1977
12:00 Noon Sharp

95 REGISTERED HOLSTEINS 95
Health: This herd bangs certified & T.B. accredited years. Calfhood vacc. Treated for shipping fe Pregnancy examined, udders checked by vet. 30 tes for Penna and interstate charts.
This good Susq. Co. herd consists of 46 milch cows, fresh, many bred for summer & fall. 14 started calv 9 yearlings, 15 bred & open 18 mo. to 24 mo. old heife
This is a quality offering with nearly 30 years NEBA, Curtis Candy & Eastern A-1 Sires.
Sale Highlights: Dau's of - Maview Dunlog Direct, Collins-Crest Buddy Burke, Suedale Bucky Weed Farms Jason Earl, Stowell Farms Lougo But Chapel Bank Worthy Spangle, Simpsons Aposte Wipledale Marge Prince Rex.
Service sires & dau's - Rose-EVise Rockman Co Weiner Oliver Perfection, Willow Farm Rockm Kismit Kid.
You can help your winter production & secure hig desirable cows & heifers at this dispersal.
Make your plans for this fine dispersal Friday, J 7, 12:00 Noon.
Terms - Cash or good check and F.H.A chec honored.
Lunch served. Heated Te
MAURICE W. & MARQUERITE B. MAC
Montrose, Pa.
Merton L. Bunnell, Auctioneer & Sale Mgr.
Springville, Pa. Ph. 965-2375
Wayne Weaver, Auctioneer - Richard Sands
Albert W. Smith Pedigrees
P.S. Blizzard date Monday Jan. 10 - 12:00 Noon

ow Where the Activities Will Be?
ead the Farm Women Calendar.

OLSTEIN DISPERSAL

GEORGE BARKMAN FARM

miles South of Shanksville off Shanksville otherton Road or 9 miles East of Somerset off 31 at Brotherton toward Shanksville.

ED. JAN. 5, 1977

12:00 Sharp

75 HEAD

High grade holstein dairy cows and bred heifers B and bangs tested. Pregnancy check, vaccinated for ipping fever. 66 milk cows, 9 bred heifers, 35 cows eshened recently, some due, bal. all stages of lac ion. THIS IS A GOOD PRODUCING HERD.
ecords at ring side
ws have good size, good udders, mostly young cows. g. butterfat at the milk plant is 3.9 per cent for the ar.

MILKING EQUIPMENT:

rge glass line pipe line milker, 400 ft. of glass, with 5 it milkers, Surge Almo model 75 plus milker pump, ojonnier 600 gallon bulk tank, milk testing outfit, ON'T MISS THIS SALE.

MR. & MRS. GEORGE BARKMAN, owner

ishler & Claycomb, Auctioneer

Not Responsible for Accidents
LUNCH AVAILABLE
TERMS: CASH
SALE HELD UNDER COVER

PUBLIC SALE

OF VALUABLE FARM EQUIPMENT & HOUSEHOLD GOODS

TUES., JAN. 11, 1977

at 10 A.M.

Five miles east of Kutztown, turn north off Rt. 22 between Breinigsville & Maxatawny onto Rt. 63 for ½ mile to sale. Upper Macungie Twp., ehigh Co., PA.

rmall 400 tractor w-TA, good rubber; Farmall H actor, gd. rubber; Ferguson 35 Deluxe tractor; nging drawbar for same; J.D.F-62C A 3 bot. 16" ller type plow; MC 6' offset disc; MC No. 8 2 bot. ow; Cobey 17" 3 sec. single roll cultipacker; Cobey 9' gle roll cultipacker; MC 12' dbl. roll cultipacker; D 12' spring tooth harrow; MC 9' disc; J.D.494 4 row rn planter; MC No. 240 2 row cultivator; 3 pt. 2 row ltivator; Ontario 14 x 8 disc grain drill; MC No. 64 mbine w-motor & bin; MC 7' mower; N.H. 5 bar ke; J.D. hay fluffer; MF 9' hay bine; MC 55-W wire baler w-U-22 power unit; King Wyse bale elev.; velle elev.; N. Idea No. 323 single row corn husker; Idea No. 202 PTO manure spreader; Grove 4 whl. mp trailer; (3) 4 whl. farm trailers; Century 200 gal. ller weed sprayer (new); Shultz 2 row stalk redder (as is); redecorated horse drawn farm gon w-slant hay flat; horse drawn farm body gon; 12' land drag; snow plow for Ferguson; cir lar saw buck; hand corn sheller; 36' ext. ladder; t water heater; 2 rubber tire feed carts; elec. fencer; endless belt; Mall chain saw; elec. fence stakes; oto riding mower; 14' x 14' brooder house (good); 2 ultry shelters; 50 laying hens, 16 months old; 5 legraph poles; scrap pile; sawed fire wood; 3 iron tcher kettles; rd. scalding trough; 2 butcher benches usage stuffer; 2 wdn. meat tubs; lg. antique black mith bellows; rough sawed second hand lumber; 20 house shutters; rd. ext. table; wdn. wardrobe; ctrola record player; Victor 21 cu. ft. chest freezer; elvinator refrig.; Monarch kitchen wood stove, used 4 s (new); Philco 4 burner 2 oven elec. stove; sofa d, dining room table & chairs; 12' x 15' living room g, 2 pc living room suite; kitchen cabinet; canning rs, plus other articles too numerous to mention.
erms - Cash or check, day of sale.
efreshments served.

Sale ordered by
IRWIN W. MENGEL

ale conducted by
alph W. Zettlemoyer Auction Co.
ele - (215) 285-4616

Public Sales Register

TUES JAN 11 - 10 A.M. Public Sale of Valuable Farm Equipment and Household Goods located five miles east of Kutztown, turn north off Rt. 222 between Breinigsville and Maxatawny onto Rt. 863 for ½ mile to sale. Upper Macungie Twp., Lehigh Co., Pa. Sale ordered by Irwin W. Mengel; Sale conducted by Ralph W. Zettlemoyer Auction Co.

TUES., JAN. 11, 1977, 1:00 PM - 50 Yorkshire bred gilts. Sale at the small arena at the Farm Show Arena. Sponsored by Pennsylvania Yorkshire Club.

TUES. JAN. 11 - 9:30 A.M. Public Sale of Livestock, full Line of Farm Implements & some Household Goods. Located 1½ miles South of Rt. 23 between New Holland & Leola turn off on South Groffdale Rd., turn left at Musser School Road. John A. & Naomi F. Beiler. Robert E. Martin 656-7770 & Frank L. Steller, 656-8195, Auctioneers.

WED. JAN. 12 - 2:30 P.M. Pennsylvania Duroc Association Pig Sale, to be held at the Harrisburg Farm Show Building, Harrisburg, Pa. Auctioneer - Harry Bachman. For Catalogs write: Secretary - Rick Pfautz, R1 Stevens, Pa.

WED. JAN. 12 - 1 P.M. Pa. Berkshire Breeders Assoc. Bred Gilt Sale at the 61st Penna. Farm Show, Harrisburg, Penna. (Show is Mon. Jan. 10, 12:30 P.M. same place). For Catalog Contact Arlie Cornbower, Rt. 1, Box 41, New Freedom, Pa. 17349

FRI. JAN. 14 - 1 P.M. 41st Swine Sale, Annual Winter Sale at the Farm Brooks End and Par Kay Farms. Beavertown, Pa. 17813. Selling 200 Head, 50 Bred Gilts, 40 Boars and 110 Open Gilts. Reno H. Thomas, Sale Manager, Phone 717-658-5821 for catalogs.

FRI. JAN. 14 - 11 A.M. Fred Lawrence Farm Dispersal. Discontinuing dairy farming will sell Livestock and Farm Equipment located 1 mile off Route 706 between New Milford and Montrose, Pa. 4 miles west of New Milford. Exit 67 off I-81 Susq. Co. watch for Beavan Auction Arrows. Sale by Mr. and Mrs. Frederick Lawrence, RD No. 1, Montrose, Pa. James R. Beavan, Auctioneer and Sale Manager.

FRI. JAN. 14, 1:00 P.M. Cohocton, New York. (Steuben County) Mr. and Mrs. Lloyd Conrad Dispersal of Interstate Tested Holstein Cattle, Milking Equipment and Produce. Sale at the farm just off rte. No. 390 or rte. 415 at Cohocton. Victor Pirrung and Son and Robert Shaylor Auctioneers. Sale by James P. Pirrung, Wayland, New York. 716-728-2520.

SAT. JAN. 15 - 12:00 Noon. Public Sale of 37 Acre Farm, Household Goods, Farm Equipment. Steers & Sheep. Located on Rt. 772 in Rothsville take Church St. to 911 Disston View Dr. Terms by Vincent J. & Grace Fauci. Chet Long & Amos Sensenig, Auctioneer

SAT. JAN. 15 - 9 A.M. Public Sale of Tractors, Implements, Trucks, Sleigh & Cars. Location: On premises of Herbert Texter, on road from Adamstown to

HUNTER'S SALE BARN, INC.

ROUTE 276, Rising Sun, Maryland

Sale Every Monday

Livestock at 7:00 P.M.

Poultry, Egg, Produce at 7:00 P.M.

Household at 6:30 P.M.

Antiques at 6:30 P.M.

(Every 4th Monday)

Farmers & Flea Market open 3:00 P.M.

HUNTER SALE BARN, INC.

Phone 301-658-6400
Sale Mgr., Auctioneer - Norman E. Hunter, Pres.
Restaurant on grounds.

FRANK KOCHMER

DAIRY DISPERSAL

UNABLE TO GET STEADY HELP - I WILL SELL MY DAIRY

TUESDAY, JANUARY 4, 1977

starting at 11:30 AM sharp.

Directions: Take 81 North to Clark Summit exit, off 81 take Rt. 11 North to Rt. 6 West. 3 miles on Route 6 to Saddle Lake Road, Overfield Township, Wyoming County. Watch for auction arrows.

54 head super top ABS high grade Holsteins - all 30 day TB and blood tested, interstate health charts, inoculated for shipping fever and pregnancy checked, no bad utters. 40 cows now milking over 2,000 pounds per day. 10 just fresh, 14 to freshen in January and February, 16 are first calf heifers, 24 bred back for August and September. These are extra large cows of super type.

All are ABS daughters out of 1786 Posten Kill Leader (Belleboy), 1830 Forest Lee (Centurion Rocket), 1857 Arlinda Forty-niner Star, 1860 Mowry Ivanhoe Prince, 1849 Hart Brook Ivanhoe Ken, 1879 West Side AB Seaman.

750 brdy (Fox) feed grinder,
85 bushel, all hydraulic, like new.

Terms: cash or good check
Lunch Heated tent Trucking available

Auctioneers: Jerry Burke 833-5913
A. H. Heller

Owner:
Frank Kochmer

ABS Rep: Don Lunger

CONSIGNMENT SALE

WEDNESDAY, JANUARY 5, 1977

at 9:30 A.M.

Location: ½ mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa. Watch for sale sign.

Tractors, Farm Machinery, Horse Drawn Implements, New Tools & Hardware. Positively no Household Goods. Truck load Citrus fruit direct from Florida, Fish, Oysters, Shrimp.
We sell on Commission.

Hay & Straw Sale Every Wednesday
at 12:00 Noon by Harvey Z. Martin

Sale by
DAVID H. GOOD
717-656-8911

Auctioneers - F. Snyder, R. Martin, C. Wolgemuth, J. Fry, L. Horst.

NOT RESPONSIBLE FOR ACCIDENTS.

NEXT SALE WEDNESDAY, JANUARY 19, 1977

PUBLIC SALE

OF FARM MACHINERY OF JAMES BEAN & SON

SAT. JAN. 15, 1977

10:00 A.M.

LOCATION: South of Leonardtown, Md. Turn off of Rt. No. 5 on to No. 249 South, approximately 1 mile. Sale on left. Watch for Signs.

TRACTORS - COMBINES

Late Model John Deere 4020 Diesel w-side console, cab, new tires, wide front; John Deere 2520 Diesel w-wide front; John Deere Loader for 2520 Tractor, quick attach; Allis Chalmers Lawn Tractor w-Mower; Front & rear weights for J.D. Tractors; Hydraulic Cylinders; Allis Chalmers Gleaner K Combine w-2 row corn head, 10 ft. grain head, hume reel & cab, real clean; 1969 Ford F600 Truck w-grain body & hoist, 29,000 original miles, real clean; J.D. 5x16 Semi Mtd. Plow; J.D. 4x16 Semi Mtd. Plow; Allis Chalmers 13 ft. Disk, 1 yr. old; J.D. 12 ft. Cultimulcher; J.D. 1240 Planter, real good; J.D. 3 section Spike Harrow, 2 section Spike Harrow; J.D. 4 row rear mtd. Culti., like new; J.D. Lime Spreader; Int. 3 pt. Rotary Hoe; 300 gal. field sprayer w-20 ft. boom.

MISCELLANEOUS

New Holland Trailer Mower; Woods 7 ft. 3 pt. Rotary Mower; J.D. Roto Bar Hay Rake; M. F. No. 12 Hay Baler; New Holland self loading wagon 1 yr. old; New Idea 3 pt. Sower; Massey Ferguson Grain Drill; Hay Wagon; Set of John Deere fenders for 4020; J.D. Manure Spreader; New Holland Grinder Mixer; Tobacco Planter; J.D. Sub-soiler; Harrow rake for disk; New Idea Elevator w-gas motor; Clover seed sowers; 2 wheel cart; Miscellaneous items.

AUCTIONEERS NOTE: Mr. Bean is discontinuing the farming business due to purchasing a gravel plant, and has no longer use for this equipment. This equipment has been well maintained and is only a few years old. If you need good equipment, DON'T MISS THIS SALE.

Auctioneer: **BLAINE N. RENTZEL**
Box 222, Emigsville, Pa., PH 764-6412

Public Sales Register

Viremont, turn north at Weaver's Furniture Store and Mike's Diner on 222 Between Adamstown and Gouglersville. Terms by C. L. Butter Zimmerman Auction Service, R6 Sinking Spring, PA Box 290

SAT. JAN. 15 - 1:30 P.M. Public Sale of 400 Feeder Pigs located 3 miles Northeast of Bethel off Rt. 22 behind Trainer's Midway Diner. Terms by Adam Martin; Stone and Kilmer, Auctioneers.

SAT. JAN. 15 - 10:00 A.M. Public Sale of Farm Machinery of James Bean & Son. Located - South of Leonardtown, Md. Turn off of Rt. 5 on to 249 South, approximately 1 mile. Sale on left. Watch for signs. Auctioneer - Blaine N. Rentzel.

SAT. JAN. 15 - 12 Noon Public Sale of Aprox. 37 acre farm and Personal Property located between Lancaster and Lititz, approximately 7 miles north of Lancaster. take Route 772 to Rothsville. Take Church Street to 911 Disston View Drive, Lititz, Lancaster County, Pa. Terms by Vincent J. and Grace Fauci; Chet Long and Amos Sensenig, Auctioneers.

SAT. JAN. 15 - 11:00 A.M. Sharp. Thompson Farm Auction of 124.9 Acre Farm. Located 28 miles South of Lancaster, Pa., 24 miles from West Chester, Pa., 28 miles Northwest of Wilmington, Delaware, between exits 10 & 472 of New Route 1 By-Pass - & joins Oxford Boro, Oxford, Chester County, Pa. One mile from Lancaster County Line on Bell Bank, Pine Street Rd., L.R. 15025. Maud M.D. Thompson, Owner. Whiteside Auction Service.

WED. JAN. 19 - 9:30 A.M. Consignment Sale to be held at David Good's ½ mile north of Route 23 on North Maple Ave., in Leola, Lancaster County, Pa. Watch for signs. Auctioneers - F. Snyder, R. Martin, C. Wolgemuth, J. Fry, L. Horst.

FRI. JAN. 21 - 10:00 A.M. Paul Waltermyer Special Spring Sale of Draft Horses, Mules & Some Farm Equipment, to be held at New Holland Sales Stables, New Holland, Pa. New Holland Sales Stables, Sale managers & Auctioneers

FRI. JAN. 21 - 8 P.M. Nite Cow Sale at the Black & White Holstein Farm, Lancaster, Pa. across from the Comet Drive-in Theatre or ¼ mile West of breeding unit. Charles C. Myers, owner; Abe Diffenbach, Auctioneer; Henry Kettering, Pedigrees; Park Myers, Sales Manager.

FRI. JAN. 21 - 10:00 AM - Paul S. Waltermyer Draft Horse and mule consignment Sale at the New Holland Sales Stables, New Holland, Pa.

SAT. JAN. 22 - 2:00 P.M. Public Sale of Real Estate. Located along Rt. 23 in Blue Ball. Sale for Lewis & Ella Groff. Nevin Z. Martin, Auctioneer.

SAT. JAN. 22 - 11:00 A.M. A Special Draft Horse and Mule Sale to be held at the Belleville Livestock Market, Belleville, Pa. Mark Glick, Auctioneer.

SAT. JAN. 22- Complete Plumbing Liquidation Auction by former Ezra W. Martin Plumbing, located along RD No. 3, Ephrata, at Hinkletown. John E. and Paul E. Martin Auctioneers

SAT. JAN. 22, 1977, 1:00PM - Sale of 98 acre farm located approximately two miles north of Route 422 and one mile west of Route 419 in Marion Township, Berks County, Pa. Terms by estate of Anna Brown; Elton and Alvin Horning, Auctioneers.

SAT. JAN. 22 - Public Sale of Wood Working Equipment and a few Household Goods located 1 mile North east of Honey Brook along the Road to Supplee, Chester County, Pa. Terms by Miss Malandia K. Fisher for the Estate of Stephen K. Fisher. Leroy Zook and Leon Kurtz, Auctioneer.

SAT. JAN. 22 - 1 P.M. Public Sale of 98½ acre farm located along Marion Drive, approx. 2 miles north of Rte. 422 and 1 mile west of Rte. 419, RD No. 1, Womelsdorf, Marion Township, Berks County, Pa. Terms by Anna Mauser Livingwood Brown Estate; Elton Horning and Alvin Horning, Auctioneers.

MON. JAN. 24- Complete Plumbing Liquidation Auction by former Ezra W. Martin Plumbing, located along RD No. 3, Ephrata, at Hinkletown. John E. and Paul E. Martin, Auctioneers.

FRI., JAN. 28, 1977, 9:00 AM - Public sale of livestock - complete line of horse-drawn farm equipment and some household goods. 5 miles SE of Honey Brook and 5 miles NE of Kings Highway School, Route 340. Turn east off Route 322 on Birdell Road. Watch for sale signs. Terms: Levi A. Stoltzfus, Frank L. Stellar (656-8195) and Robert E. Martin (656-7770) Auctioneers.

SAT. JAN. 29 - south of New Danville along road to Conestoga, Full line of good farm equipment including some household articles. Owner, J. David Shank. Carl Diller and Everett Kreider, auctioneers.

SAT. JAN. 29, 1977 ... Sale of Farm Equipm... Earl D. Hurst locate... ween Ephrata and ... caster, Penna. John ... Paul E. Martin, Aucti...

SAT. JAN. 29 - 12 00 ... Consignment Horse ... be held at Keister's ... dleburg Auction Sale... Rt. 522, 3 miles E... Middleburg, 5 miles ... Selinsgrove, Pa. Art ... Larry Long, Auctione...

SAT. JAN. 29 - 10 ... Public Sale of ... Equipment located on ... west of Honey Brook ... 322. Terms by: Ben ... Miriam Stoltzfus Eli... Alvin Horning, Aucti...

SAT. JAN. 29 - 10 ... Public Sale of Real ... 60 acres more or less ... side of road, large ba... other buildings, La... Machinery and othe... sonal Property. Loca... Laudermilch Road, ... Sale for Morris Ellen... Gerberich and Long... tioneers.

GAP AUCTION

FRIDAY EVENING, JAN. 7

5:30 P.M.

Located off Route 41 - Lancaster Avenue opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES AND HOUSEHOLD GOODS

SOLD AT EVERY AUCTION.

Inspection Friday from 9:00 a.m. until sale time.

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M TO 7:00 P.M.

OTHER DAYS BY APPOINTMENT Call us for pick up service

IRA STOLTZFUS & SON, Auctioneers

442-4936 or 442-8254

CONDUCTORS ALL TYPES PUBLIC SALE

PUBLIC AUCTION

VALUABLE REAL ESTATE

FARM APP. 68 ACRES

SATURDAY FEB. 5th, 1977

1:30 P.M.

Located app. 1 mile north of Lititz Borough Pa. along Brunnerville road in Warwick Township Lancaster County, Pa.

Farm Consists of 68 acres more or less with frame bank barn 20x60 silo and feeding area large block and frame equipment building and various storage areas. Also 8 room brick house with bath and automatic heat system. Farm is located in a very excellent area of Warwick Township. You will appreciate the location and the farm in the entirety after you inspect all areas of this farm. You may inspect the farm by dialing 626-5244 or 626-2636 for appointment to convenience tenants.

E.M. Murry - Asso. Auctioneers.

Sale by

Abram F. Hershey and Ethel B. Hershey.

Geisenberger-Zimmerman
Pfannebecker & Gibbel - Attys

Terms 10 Percent on day of sale, balance Mar 25th 1977.

PUBLIC SALE

—of—

LIVESTOCK AND FARM EQUIPMENT

TUESDAY, JAN. 11, 1977

at 9:30 a.m.

Located 1½ mile south of Route 23 between New Holland and Leola, turn on South Groffdale Road, turn left on Musser's School Road, Lancaster County, Pa.

49 HEAD

31 MILK COWS

8 Bred Heifers, 3 Yearling Heifers, 2 Stock Bulls, 2 Work Horses, 3 Mules 7 and 9 years old.

P.T.O. HESSTON MOWER

with engine mounts.

J.D. 999 Corn Planter; Super New Holland 68 Hayline Baler with engine; J.D. 20 Disk Harrow; 8 ft. Double Cultipacker; 2 Steel Wheel Wagons with like new beds; 28 ft. Lapp Elevator; 2 J.D. Cultivators; Int. Cultivator; Oliver Grain Drill, 13 disk.

INTERNATIONAL 560 TRACTOR

with power steering, live P.T.O. T.A., on rubber.

New Idea 323 Corn Picker; Nickelson Hay Tedder; 3 Section Harrow; 12 ft. Weeder; 8 ft. Binder, Int.; New Idea Four Bar Side Rake; New Idea Transplanter; 9 ft. Steel Roller; Int. 10 ft. Fertilizer Spreader, like new; 7 ft. Mc. Mower; J.D. 2-Way Plow with steel bottoms; 2 No. 10 A New Idea Spreaders; Corn Binder; Vermere Crimper for parts; 3 Bale Boxes; Feed Cart; Shovels and Forks; Harnesses; Lines; Collars; 1, 2, 3, 4 Horse Hitches; Feed Carts; Old Milk Cans.

MILK EQUIPMENT

500 Gallon Dari-Kool Tank; 3 Horsepower Lee Hi Compressor; 12 Horsepower Lister Diesel; 110 Volt Alternator; Surge Vacuum Pump; 3 Surge Units; Stainless Steel Strainer and Twin Tubs; Drain Rack; Fury 30 Gallon Gas Water Heater, like new.

CORN — 53 TON

LUNCH AVAILABLE

Terms by

John A. and Naomi F. Beiler

Auctioneers:

Robert E. Martin — 656-7770
Frank L. Steller — 656-8195

AUCTIONEERS' NOTE: This herd has some of the daughters milking from Penn State Star Dust, Connerhill Ivanhoe Leader, President King, Arlinda Advancer, and others.

YORKSHIRES

Do you need a boar that will produce fast growing ... low feed conversion, but yet will give you plenty of ... red meat?

Try a YORKSHIRE BOAR from our herd. The ... with the big winners. The last two years we have ... the superior boar over all breeds at the New York S... Fair.

We also have bred Gilts and Open Gilts both for ... purebred and commercial breeder. Deliv... available.

Call or Write:

REAL FARMS INC.

Tipton, Pa. 16684
Phone 814-684-4769 or 814-684-3720

PUBLIC SALE

OF FARM EQUIPMENT

At our place of business located six miles sou... of Chambersburg, Pa., one mile East of Mari... just East of Marion Exit for Rte. 81 along R... 914 on

THURSDAY, JANUARY 6, 1977

THURSDAY, FEBRUARY 10, 197...

Sales at 9:00 A.M.

75 TRACTORS—IND. EQUIPT.—TRUCKS

Tractors of various make, size and model includi... John Deere, Farmall, Ford, Massey Ferguson, Oliv... Case, David Brown, M-M, Allis Chalmers and othe... some with loaders; some crawlers and Ind Equip... trucks, lawn and garden tractors.

BALERS—HAYBINES—PICKERS

Balers, Haybines, one and two row pickers, h... vesters, flail choppers, rakes, mowers, conditione... planters, drills, spreaders, plows, disc harro... packers, grinder mixers, forage wagons, new wago... rotary mowers, blades, post diggers, gravity boxes ... usual run of equipment, posts, hardware, etc

FARMERS & DEALERS—Bring in your equipt ... this sale. Next sales Feb. 10 and March 10-11 "2 ... sale". If you plan a spring sale contact us for terms ... dates.

Terms: Cash; Lunch at Sale; Closed Sundays

RALPH W. HORST

Auctioneer - Sale Manager
Phone (717) 375-2824
Marion, Pa. 17235

Rentzel, Anderson, Wolgemuth, Upperman, Martin . . . Aucts.
Harshman, Eberly, Gossert, Stull, Rentzel . . . Clerks

Public Sales Register

February

D FEB. 2 - 9:30 A.M. signment Sale to be held David Good's ½ mile h of Route 23 on North ple Ave., in Leola, caster County, Pa. tch for signs. Auctioneers Snyder, R. Martin, C. gemuth, J. Fry, L. Horst.

T., FEB. 5, 1:00 PM - Breo rkshire gilts, open gilts l boars. Sale held at the banon Fairgrounds. nsored by the Penn- vania Yorkshire Club.

SAT. FEB. 5- 10 A.M. Public Sale of Farm Machinery, Livestock and Household Goods located 1 mile Northeast of Christiana, Lancaster County, Pa. just off Simmontown Road. Sale by Elias Bawell; Leroy Zook and Leon Kurtz, Auctioneers.

MON. FEB. 7 - Consignment Farm Equipment Auction by Binkley and Hurst Bros., located in Rothsville, Penna. Please call 717-626-4705 if you have any equipment you would like to sell on this auction. John E. and Paul E. Martin, Auctioneers.

THURS. FEB 10, 1977, 10:00 AM - Farm machinery and livestock. Located 2 miles south of Kirkwood on Route 472. Turn left on Lakeview Road, first farm on right. Sale by Andrew K. Stoltzfus; Larry Lefever and Richard Schroyer, Auctioneers. Eli Miller, Clerk.

THURS. FEB. 10 - 9:00 A.M. Public Sale of Farm Equipment. Located at our place of business six miles south of Chambersburg, Pa., one mile East of Marion, just East of Marion Exit for Rte. 81 along Rte. 914. Ralph W. Horst, Auctioneer & Sale Manager.

FRI. FEB. 11 - 11:00 A.M. New Holland Sales Stables Special Draft Horse & Mule Sale to be held at the New Holland Sales Stables, New Holland, Pa.

SAT. FEB. 12, 1977. Public sale of farm machinery, hay, straw, corn. Lou Bradley. Located along Route 222 at Wakefield. Auctioneers: J. Everett Kreider and Carl Diller

TUES. FEB. 15, 11:00 A.M. Bath, New York. (Steuben County) Mr. and Mrs. Daniel King Complete Dispersal of Interstate Tested Holsteins, Farm Machinery and Milking Equipment. Victor Pirrung and Son and Robert Shaylor Auctioneers. Sale Manager: James Pirrung Wayland, New York. 716-728-2520.

WED. FEB. 16 - 9:30 A.M. Consignment Sale to be held at David Good's ½ mile north of Route 23 on North Maple Ave., in Leola, Lancaster County, Pa. Watch for signs. Auctioneers - F. Snyder, R. Martin, C. Wolgemuth, J. Fry, L. Horst.

WED. FEB. 16, 1977 - Public Sale of Farm Equipment by Lebanon Valley Implement Company, Richland, Pa. John E. and Paul E. Martin, Auctioneers.

SAT. FEB. 19 - Berks-Lehigh County Bred Gilt, Open Gilt & Boar Sale, to be held on the Kutztown Fair Grounds. Ralph Zettlemoyer, Auctioneer

SAT. FEB. 19 - 10:00 A.M. Public Sale of Livestock, Machinery and Other Personal Property. Located at RD1, Rt. 441 south of Middletown go about 5 mile, turn left at Guhl's ice cream stand at first road turn right go about 1½ miles to farm, Sale for David Shearer, Bainbridge, PA. Gerberich and Long, Auctioneers.

SAT. FEB. 19 - Public Feeder Pig Auction by Walter M. Horst, RD No. 1 Newmanstown, Pa. John E. and Paul E. Martin, Auctioneers.

SAT. FEB. 19, 1977. Public sale of farm machinery. A. Jason. Located to Martic Elementary School, 2 miles north of Rawlinsville. J. E. Kreider, Carl Diller, Auctioneers

TUES., FEB. 22, 1977 - Public sale of farm equipment. Located 2-½ miles North of Route 23. Turn north in Leola on North Maple Avenue. Terms: Menno Z. Nolt. Robert E. Martin (656-7770) and Frank L. Steller (656-8195) auctioneers.

TUES. FEB. 22, 1977. Public sale of farm machinery. Frank Johnson. Located along Route 272 south of Little Britain. Auctioneers: J. Everett Kreider and Carl Diller

THURS. FEB. 24, 1977 - 10:30 AM - Public sale large line of farm machinery. Located 2 miles west of Morgantown, 3 miles north of Churchtown. Sale by Edwin Hurst and Ivan Hoover.

FRI. FEB. 25, 1977 - 10:00 AM - Public sale of dairy cows, horses and mules and horsedrawn farm equipment. Located one mile northeast of Honey Brook. Lizzie K. King, owner. Abe Diffenbach, Auctioneer.

FRI., FEB. 25, 1977, 1:00 PM - Fifth production sale of Leon Lawrence and Thomas Arnold. Bred gilts, open gilts and boars. Sale held at the Lebanon Fairgrounds.

FRI. FEB. 25, 1977. Public sale of farm machinery, hay, straw, corn. Near Kirkwood off Route 472. Jay & Hughes Hastings. Auctioneers: J. Everett Kreider and Carl Diller.

SAT. FEB. 26 - Public Sale of Household Goods and Antiques located South of New Danville along Rte. 324. Sale for the McMichael Estate. Carl Diller, Auctioneer.

SAT. FEB. 26, 1977 - Public Sale of Farm Equipment by Isaac B. Good located North West of Ephrata at Durlach. John E. and Paul E. Martin, Auctioneer.

SAT. FEB. 26 - 12:00 NOON. Consignment Horse Sale to be held at Keister's Middleburg Auction Sales Inc., Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Art Kling & Larry Long, Auctioneers.

SAT. FEB. 26, 1977 - 10:00 AM. Public sale of farm machinery, approximately 45 head of heifers and household goods. Located along Route 272, 3 miles south of Buck or 16 miles south of Lancaster. Auctioneers: Lloyd Kreider, Everett Kreider, Randal Kline. Owners: Clair and Betty Mae Kreider.

PUBLIC AUCTION

FARM EQUIPMENT

SATURDAY, JANUARY 8, 1977

11:00 A.M.

LOCATION: TAKE ROUTE 272 NORTH FROM EPHRATA TO FIRST ROAD LEFT AFTER MESSICK CHEVROLET; THEN THIRD ROAD LEFT TO SECOND ROAD RIGHT; FIRST FARM ON LEFT; CLAY TOWNSHIP; LANCASTER COUNTY, PENNSYLVANIA.

MASSEY FERGUSON 178 DIESEL
With Hydra-Power; Power Steering; Power Shift Wheels.

OLIVER 1800 DIESEL
With Hydra-Power Drive; Power Steering
MASSEY FERGUSON 65 DIESEL
FERGUSON 30

MM Unipower-System With 10-Ft. Cut Combine; Case No. 950 10-Ft. Self-Propelled Windrower; Farm Hand No. 810 Grinder Mixer; New Idea No. 310 1-Row Cornpicker; Allis Chalmers 4-Row Cornplanter With Insecticide Applicators; New Idea 9-Ft. Hay Cutting Machine; 16-Ft. Dion Forage Box; Ford 4-Row Cornplanter 311 Series With Insecticide Applicators; Massey Ferguson 3-Bottom 14 Inch 3 Point Trip Plow With 4th Bottom; Ford Disc Harrow With 36 Disc; Oliver Superior 16 Disc Grain Drill; John Deere Van Brunt 13 x 7 Grain Drill; Old McCormick Deering 20 Disc Grain Drill; John Deere PTO Trailer Type Corn Sheller; 3 Pt. Blade; Trailer Type Sprayer With Poly Tank; Small Trailer; Stauffer 2-Row Transplanter; Cement Mixer; 3 Point Rotary Cutter; 22' Skeleton Bale Elevator; Grain Bin; Dion Running Gear; McCormick No. 10C Portable PTO Hammermill; MM 4-Bottom Trip Plow.

Dunham 12-Foot Cutimulcher; Allis Chalmers 140-S Single Beater Spreader; 2 Sauder Loaders; Ford No. 612 Harvester With Cutter Bar, 2-Row Cornhead and Pickup Head; 3 Section Harrow; A.C. Chisler; Sears Roebuck Portable Saw Mill; Ford 2-Row Cultivator; John Deere KBA 28 Disc Disc Harrow; 2 Old Side Rakes; Weeder; Saw Buck; Water Tank; Heat Houser For MF 178; New Idea Wagon With False Endgate; Ground Scoop; Dearborn 3-Pt. Springharrow.

1966 FORD 250 PICKUP TRUCK

Lincoln 225 Amp Welder; 16' Grain Auger 4"; Hydraulic Cylinders; Tox-O-Wick Cattle Oilers; Portable Air Compressor; Platform Scales; Chicken Equip.; Tobacco Lath; Tobacco Bale Boxes; Milk Cans; Oil Tanks With Pumps; Sizing Boxes; Bag Wagon; Seed Cleaner; Egg Washer; Coops; Egg Baskets; Egg-O-Matic Grader with Candler; Handy Man Jack; Extension Ladders; Little Farmer cultivator; Fence Chargers; Skil Saw; Socket and Wrench Sets; Carpenter Tools and Box and lots of other Tools; Air Tank; M.F. Belt Pulley; Homelite XL 12 Chain Saw; Drill and Drill Stand; Shovels; Forks, Brooms.

HOUSEHOLD GOODS ETC.

Manuel Meat Slicer; Ping Pong Table; 2-Piece Daybed Living Room Suite; Dresser; Iron Bed; Cushion Glider; Buffet; Wooden Swivel Chair; Crock 1 Cowden; Room Heater; Wardrobe; Large Wooden Tub; 22 Single Shot Rifle; 12 Gauge Single Shot Shotgun; Meat Grinder; Storm Windows; Hair Clippers; Metal Lawn Chairs; 2 Push Mowers; Lanterns; 8 Quart Ice Cream Freezer; Old Wooden Wringer; Auto Vacuum; Vegetable Seeder; Demuth's Snuff Crock Lanc., Pa.; Oval Tub; Floor Scrubber; and many more items.

SALE TIME 11:00 A.M.

SALE BY
MRS. PHARES W. HOOVER
R.D. No. 1, EPHRATA, PA.—717-733-8904

AUCTION CONDUCTED BY:
John E. and Paul E. Martin, Auctioneers
717-733-3511 — 717-733-3305

FOOD AT SALE

Pennsylvania Duroc Breeders Association

SHOW & SALE

SHOW - MONDAY, JANUARY 10, 1977
10:00 A.M.

SALE - WEDNESDAY, JANUARY 12, 1977
2:30 P.M.

To be held at the Harrisburg Farm Show Building, Harrisburg, Pa.

Judge - Hank Freter, Willow Springs, Missouri
Auctioneer - Harry Bachman

For Catalogs Write:

Rick Pfautz
RD1
Stevens, PA 17578

DAY

HORSE SALE

Wed., January 5, 1977

PAUL Z. MARTIN'S

2 Miles East Of Intercourse, Pa., Along Route 340.

Load of WORK HORSES and MULES and 10 SADDLE and DRIVING HORSES from Kentucky.

12 HEAD OF MULES from L. C. Tabor Farm consisting of

2 pair outstanding Sorrel Mare Mules, 3 and 4 yrs. old, Broke.

1 Sorrel Mare Mule, 6 yrs., Tops.

3 Gray Mules, 4 Black and Browns.

HORSES: Pairs and Singles, Sorrels, Grays, Bays, Blacks.

STANDARDBRED HORSES from New York State

LOCAL HORSES and MULES
Horses Hitched at 10 a.m. Horses at 12:30 P.M.
Tack at 12:00 Noon

PAUL Z. MARTIN
Blue Ball, Penna. 17506
Residence - 717-354-6671
Business - 717-768-8108

Martin Auctioneers

Annual 3-Day Spring Carriage And Antique Sale
May 19 - 20 - 21, 1977

SPECIAL

SALE!

FRIDAY, JAN. 7, 1977
7:30 P.M.
All Weights
STEERS — CALVES — COWS

LEESBURG LIVESTOCK MARKET
LEESBURG, VA
Phone 777-1411 Phone 777-3521
Regular Sale Day every Monday 2:00

COUNTRY STORE

AUCTION

SATURDAY JANUARY - 8 - 1977

At intersections of Route 10 & 41, Village of Cochranville, Pa - 8 miles North of Oxford, Pa. Sale at 10:00 A.M. Sharp - All indoors - Heated Bldg.

OVER 9000 ITEMS—

This is the balance of contents of a large hardware store — will sell until finished - ITEMS are too numerous to mention - Come early & inspect. Several lots will be sold by the number, and rest by piece. Not Responsible For Accidents - Lunch served. Above list for advertising purposes only - no guarantee or recourse. Terms Cash or "A" Good Check.

By Order of

Emma E. Gill
Executrix - Estate Of Leon H. Gill

Whiteside Auction Service - 215-932-2291
Harry W. Whiteside - Auctioneer
R. Samuel McMichael - Attorney
CLIP & SAVE

Public Sales Register

SAT. FEB. 26 - 9 A.M. Public Consignment Auction of Farm Equipment at the Don Scheese Farm, Friesburg Aldine Road, Friesburg, N.J. (15 miles Southeast of Delaware Memorial Bridge). William Bragdon, Auctioneer.

SAT. FEB. 26 - Simeon & Noah Martin - annual Spring Sale of Livestock, implements, Household goods and antiques. Along the road leading from Reamstown to Hahnstown. H. H. Leid auction service.

March

THURS. MARCH 3 - Public Sale of Clean Line of Late Farm Equipment located just South of Strasburg along Bunker Hill Road. J. Robert Hess, owner; Carl Diller and J. Everett Kreider, Auctioneers.

THURS. MAR. 3 - 9:00 A.M. Registered Holstein Dispersal, farm Equipment, Household Goods. Located along Sunny Burn Rd. 5 miles east of Elizabethtown. Sale by Jonas H. Forry. Auctioneers - Raymond Miller & Rufus Geib

FRI. MAR. 4 - 9:00 A.M. Annual Spring Machine Sale to be held at the Belleville Livestock Market, Belleville, Pa. Mark Glick, Auctioneer

FRI. MARCH 4, 1977. Public sale of farm machinery, 30 bred Holstein heifers. Ralph Cheer. Located off Route 10 near Cochranville. J. E. Kreider, Auctioneer

FRI. MAR. 4 - 11:00 A.M. Four Corner Farm Herd Dispersal. Located on Rt. 340, 3 miles East of Lancaster, Pa. Richard & Betty Landis, Lancaster, Pa. - Owners. New Holland Sales Stables, Auctioneers & Sales Managers.

FRI. MARCH 4 - 9:30 A.M. Public Sale of Farm Machinery, Dairy Cows, Heifers, Mules, Horses and a few household Goods located ½ mile north of Route 30, along the North Soudersburg Road, 1 mile west of Gordonville, Lancaster Co., Pa. Terms by Isaac S. Fisher. Leroy Zook and Leon Kurtz, Auctioneers.

SAT. MARCH 5 - Public Auction of Dairy Cattle and Farm Equipment by H. Henry Martin located midway between Manheim and Mt. Joy, along the Manheim Mt. Joy Road. John E. and Paul E. Martin, Auctioneers.

SAT. MAR. 5 - 10:00 A.M. Public Sale of Full Line of Farm Equipment. Located along Bossler Rd., 5 mile west of Elizabethtown. Sale by David M. Dohner. Auctioneers Raymond Miller & Rufus Geib

SAT. MAR. 5 - 10 A.M. Public Sale of Real Estate, (27 Acre Farm) Farm Equipment and Household at Central Manor, Mountville, Pa. Sale by F. Paul Seitz; J. Omar Landis Auction Service, Auctioneers.

SAT. MAR. 5 - 9:00 A.M. Sharp. Bart Twp. Fire Co. 13 Annual All Day Sale. Located 6 miles southeast of Strasburg along Route 896 in the village of Georgetown, Lancaster County, PA. Terms by Bart Twp. Fire Co.

WED. MARCH 9 - Public Sale of Farm Equipment by Moses M. Weaver, located North of Ephrata, RD 1, Stevens, Pa. John E. and Paul E. Martin Auctioneers.

THURS. MARCH 10 - Registered Holstein Dispersal located along Rte. 10 near Cochranville, Chester County. Sale by Paul Eby. Carl Diller, Pedigrees, Zook and Umble, Auctioneers.

FRI. MAR. 11 - 11:00 A.M. New Holland Sales Stables Special Draft Horse & Mules Sale to be held at the New Holland Sales Stables, New Holland, Pa.

TUES. MARCH 15, 1977, 10:00 AM - Public sale of dairy herd and farm implements for Noah S. Garman. Located along Bridgeville Road, ½ mile off Route 23 just southeast of Goodville in Lancaster County, Pa. Leroy S. Horst & Paul W. Horst, Auctioneers.

WED. MAR. 16 - 11 A.M. Public Sale of Farm Equipment and Household along Colebrook Road, 1 mile South of Lancaster Junction. Sale by Howard S. Stauffer; J. Omar Landis Auction Service, Auctioneers.

THURS. MARCH 17, 1977. Public sale of farm machinery. Sale by Alice Brinton. Located off Route 272 near Little Britain. Auctioneers: J. Everett Kreider and Carl Diller.

FRI. MAR. 18 - 11:00 A.M. Hempstead Farm Complete Holstein Herd Dispersal. Located off Rt. 230 at Hempstead Exit. Bob & Janice Landis, owners. New Holland Sales Stables, Auctioneers & Sales Managers.

FRI. MAR. 18 - 11 A. Public Sale of Outstand line of Farm Equipm located along Heref Road, Mount Joy, Pa S by Thome Farms, Inc Omar Landis Auction S vice, Auctioneers.

SAT., MARCH 19, 1977, PM - Bred Yorkshire open gilts and boars

HORSE SALE
SATURDAY, JANUARY 8, 1977
12 - NOON
at the
DANVILLE LIVESTOCK MARKET
Old Rt. 11, Danville, PA
CONSIGNMENTS FROM OUR REGULAR SHIPPERS
Load of New tack, for Bob Biel
BUY YOUR TACK WHOLESALE
WHY PAY MORE
Horse Sale held second Saturday of the month
CONSIGNMENTS WELCOME
OWNER
Melvin M. Lehman 717-275-2880 Bus

PUBLIC SALE
OF FARM EQUIPMENT &
CONSTRUCTION EQUIPMENT
At 10:00 A.M.
JAN. 8 - 1977
CONSIGNMENTS WELCOME
YORK CO. FARM & INDUSTRIAL EQUIPMENT CO., INC.
Phone: 717-764-6412 Box 222
4 Miles North of York, Penna.
On Route 181
Emigsville, Pennsylvania 17318

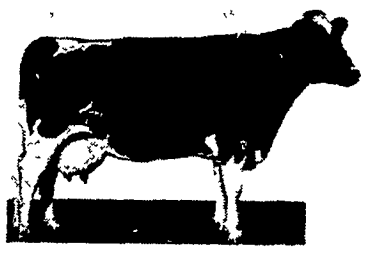
PUBLIC AUCTION
FARM MACHINERY, TRUCK, DAIRY CATTLE, BULK TANK, MILKING EQUIPMENT
SATURDAY, JAN. 8, 1977
10:30 A.M.
BLIZZARD DATE - JANUARY 15, 1977
Thomas Wright, RD Hampton, NJ. Sale at the farm located 1 mi. West of Hampton, along the Hampton-Asbury Rd., Hampton is located 5 mi. North of Clinton, NJ & 5 mi. South of Washington along Rt. 31.

35 HEAD OF DAIRY CATTLE
29 head of mature Holstein dairy cows, two Guernsey & 1 Jersey. 3 Holstein heifers, 4 are fresh, 1 close by, 12 are due Feb.-Mar., 15 are due June to Aug. The balance are bred for later dates. 25 head of this herd are 1st & 2nd calf milking heifers. Truly a good, strong producing herd. Vet examined for pregnancy. Blood & TB tested. Eligible for immediate interstate shipment

TRUCK & MACHINERY
1959 GMC 450 dump truck w-V-8 engine, 5 spd trans & 2 spd. rear. 1972 Int. 454 tractor (gas), Farmall M Tractor, Int. 3 bot. 14" & JD 2 bot. 14" pull behind plows, Int. 8' pull behind disc, cultipacker, JD 3 section spring tooth harrow, JD 14T PTO Baler, NH semi mount mower, 6' pull behind rotary mower, NI hay rake, NH PTO silo blower w-40' of pipe. 2 rubber tired farm wagons, Myers self unloading wagon. NH 130 bu PTO manure spreader, 24' bale elevator, Danuser post hole digger, Ford 3 pt. dump scoop, 3 pt. 6' scraper blade, 3 pt. platform lift, 3 pt. crane (new), tractor cord wood saw, front end loader for H or M.

MILKING EQUIPMENT
400 gal. Craft bulk tank, Surge SP 22 vacuum pump, 2 Surge milking units, Surge vacuum dumping station, Electric hose line dryer, Electric hot water heater, double stainless wash vat, stainless hand wash sink, stainless strainers & pails, barn fan, drinking cups, 2 silage carts, 1 feed cart, wheelbarrow plus many small items.
Order of sale - 10:30 A.M. Miscellaneous & Milking Equipment. 11:30 A.M. Tractors & Farm Machinery 12:30 P.M. Cattle.
Terms - Cash or good check.
Owner
THOMAS WRIGHT
Hampton, NJ
201-537-2558
Sale conducted by
Col. John T. Kachmar
Auction Service
Flemington, NJ
201-782-4271

PUBLIC SALE
—of—
ALL KINDS OF TOOLS
COPPER, GALVANIZED PIPES
AND FITTINGS,
SOME HOUSEHOLD GOODS
SAT., JANUARY 8, 1977
Sale at 10:30 A.M.
LOCATION: Located along Route 23 at 46 East Main Street, Leola, next to Dart Container.
3 FT. ROLL TOP DESK
Extension Table with 4 boards; 3 Wash Stands; Bureau; Dresser; Rocking Chair; Sears Chain Saw; Rope and Tackle; 2 Old Boxes; 6 ft. Stepladder; Old Ice Tongs; Glue Pot; Fish Scales; Lawn Mowers; Circular Saw with motor; Cut-Off Saw with motor; Electric Drill Press; Electric Grinder; 6 inch Jointer; 2 Bench Vises; Saws; Tap and Die Set; a Lot of Calipers; Micrometer; Indicator; Portable Vise; Sewing Machine; Planes; Pipe Wrenches; Lathe; Old Anvils; 6 Pitcher Pumps; Girl's Bike; 13 ft. Ladder; Rubber Tire Wheelbarrow; Bag Wagon; Crocks; 2-Man Saws; Crimper; Baskets; and many articles too numerous to mention.
Terms by
GRACE B. KING
Power of Attorney for
Joseph M. Sensenig
Wentz & Wentz, Attorneys
Auctioneers:
Robert E. Martin — 656-7770
Frank L Steller — 656-8195
REFRESHMENTS AVAILABLE



RAYMOND L. BRECKBILL
Bethel, PA.
HOLSTEIN MILKING HERD DISPERSAL!
SAT. JAN. 8, 1977
1:00 p.m. Sharp
44 - HEAD - 44
SOME REGISTERED COWS INCLUDED
Location: 5 mi. east of Lancaster, Pa. along Rt. 340 in the village of Smoketown, Lanc. Co. Pa. at Gordon Fritz Quality Holstein Sale Barn.
This herd includes 21 first and second calf heifers, several fresh or close many bred back for summer. Certified Accredited Interstate Tested.
FOLLOWING SELL!!
Marquis Dandy Thea (Reg.) 6y. 303d 15,449m 4.3 percent 661f, she G.P. 83 and from an Astronaut dam
Ivanhoe Star No. 40 (Reg.) 3y 3m Proj. 305d 16,568m 3.5 percent 580f
Burke Idol: No. .75 (Reg.) 2y 2m 314d 14,107m 3.6 percent 553f, her dam a dtr. of Ivanhoe Jack
Spotty 3y 2m 331d 13,825m 4.2 percent 585f
Connie 3y 365d 14,841m 4.4 percent 654f
Debra 6y 351d 16,829m 3.5 percent 600f
Patty Kingpin (Reg.) 7y 333d 16,677m 3.7 percent 617f
"Nice udders, dairy type 4 percent average testing herd, profits after the feed costs has been our aim." Several generations of Atlantic Breeding including dtrs of Apollo Rocket Gay Ideal, Ivanhoe Star, Majesty, Triune Complete, Ivanhoe Kid Samson, Burke Idol, etc. (Farm sold makes sale necessary)
Owners Raymond & Bertha Breckbill
717-933-4688
Aucts -
Diller & Kreider

ublic Sales Register

at the Lebanon grounds. Sponsored by Pennsylvania Yorkshire

MAR. 19 - 10 A.M. lic Sale of Farm ipment and Household at umbia, Pa. Sale by ren Miller; J. Omar dis Auction Service, tioneers.

MAR. 26 - Public Sale Farm Equipment, An-

tiques and Household Goods. Located along Indian Marker Road, 6 miles West of Millersville. Sale for Oliver F. Hess. Nevin Z. Martin & Lewis B. Groff, Auctioneers.

SAT. MAR. 26 - 12:00 Noon. Consignment Horse Sale to be held at Keister's Middleburg Auction Sales Inc., Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Art Kling & Larry Long, Auctioneers.

SAT. MAR. 26 - 9 A.M. Tri-County Annual Sale at the Farm Show Building, Harrisburg, Pa.

WED. MARCH 30 - Public Auction of Farm Equipment by Curvin S. Hursh, RD No. 4, Lititz, Pa. near Ephrata. John E. and Paul E. Martin, Auctioneer.

April

FRI. APR. 1 - 11:00 A.M. New Holland Sales Stables Special Draft Horse & Mule Sale to be held at the New Holland Sales Stables, New Holland, Pa.

SAT. APR. 2, 9:00 A.M. Wayland, New York, (Steuben County) Victor Pirrung and Son Annual Consignment Auction, of all Farmer Owned Equipment. Over a quarter of a million dollars worth of new and used equipment!! Plan to consign your machinery now! We sell on commission. Victor Pirrung and Son and Robert Shaylor Auctioneers. Sale Managed by James P. Pirrung. Wayland, New York. 716-728-2520.

SAT. APR. 9 - 9:00 A.M. Public Sale of Some Construction Equipment, Lot of Tools, Furniture, Desks, and A Lot of Small Items, Lumber 9:00 A.M. Located at 710 South Union Street, Middletown, Pa. Sale for E. H. Givler. Gerberich and Long, Auctioneer.

SAT. APR. 30 - 12:00 Noon. Consignment Horse Sale to be held at Keister's Middleburg Auction Sales Inc., Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Art Kling & Larry Long, Auctioneers.

May

MAY 19, 20, 21 - Annual 3-Day Spring Carriage and Antiques Sale. Watch paper for further details. Martin Auctioneers.

$$ SAVE $$$

PUBLIC AUCTION

VERY WEDNESDAY, 6:00 PM

ull line of furniture, ntiques and misc. & ollectibles.

ARR'S AUCTION & EXCHANGE

Rt. 322 just east of new Rt. 222 Ephrata, Pa. 717-733-9694 717-733-9695

New Furniture Outlet Open 9-8 Daily

Orthopedic box springs nd mattresses, edroom and living oom suites. 20, 30 & 40 er cent cash discounts.

"Estate Specialists"

PUBLIC SALE

SATURDAY, JANUARY 15, 1977

at 9 A.M.

Location - On premises of Herbert Texter, on road from Adamstown to Vinemont, turn North at Weaver's Furniture Store and Mike's Diner on 222 between Adamstown and Gouglersville.

Tractors, Crawlers, Backhoes, Farm Implements, Trucks, Cars, 1 Horse Sleigh & Household Goods.

Terms by

C. L. Butter Zimmerman

Auction Service

Sinking Spring R6, Box 290, PA

Watch for full listing next week.

THOMPSON FARM

AUCTION

SATURDAY, JANUARY 15, 1977

11:00 A.M. SHARP

BY ORDER OF OWNER

- WILL BE SOLD -

124.9 ACRE FARM

ocated 28 miles South of Lancaster, Pa., 24 miles from West Chester, Pa., 28 miles Northwest of Wilmington, Delaware, between exits 10 & 472 of New Route No. 1 By-Pass - & joins Oxford Boro, Oxford, Chester County, Pa. One mile from Lancaster County Line on Bell Bank Pine Street Road L.R. 15025.

(Once in a lifetime opportunity)

Old Fashioned Dairy Farm

No modern up to date bldgs.

00 Acres tillable - balance woods and pasture. Much more to be told - but come and see for yourselves.

Inspection - anytime from this date.
Not responsible for accidents.
Terms - 10 per cent down day of auction, balance in full on or before April 1, 1977.

Maud M. D. Thompson - Owner

Whiteside Auction Service 215-932-2291
Harry W. Whiteside - Auctioneer
John I. Watson - Attorney

Large Sign on Property!

Sale reports

A Dispersal of registered Holstein and farm equipment was held Dec. 21 by Earl M. & Elizabeth C. Weir near Faags Manor Church in Chester County, Pa. They want to thank everybody who attended.

The average price of $960 was received from the 33 registered Holsteins sold. The top cow, a Milk & Honey Ivanhoe daughter, sold for $1800 and was purchased by Van-L-Farms of Towanda, Pa. The owner is Garfield Vanderpool.

The 2nd high cow sold for $1650, a daughter of the Kenny Bull from the Atlantic Stud, and the 3rd high cow, a Majesty daughter, sold for $1560 with her baby calf going for $255. An Ivanhoe Star daughter sold for $1400.

Farm Machinery sold as follows: Int. 606 Gas Tractor $3250, Int. 10 Grain Drill $1000, Int. 544 Tractor $4300, N. H. 479 Haybine $3450, N.I. 213 Spreader $1600, Int. 37 Disc $600 and Ear Corn $65 per ton.

Straw sold for $70 per ton and hay sold for $74 to $79 per ton.

Auctioneers were Carl & John Diller and J. Everett Kreider.

xxx

HUNTERS SALE BARN INC. held their weekly sale Dec. 27 at Rising Sun, Maryland.

HEIFERS: High Choice and Prime 28.00-32.00; Good to Choice 24.00-27.50; Other 18.00-23.00.

FEEDER STEERS: Good to Choice 33.00-36.00; Standard to Good 29.00-30.50; Other 25.00-28.00.

BULLS: 1450 lb. 29.75.

COWS: High Choice to Prime 24.00-26.25; Good to Standard 22.75-23.75; Utility 21.50-22.25; Cutters 19.50-20.75; Canners 15.00-20.00.

CALVES: Prime 68.00-71.00; High to Choice 58.00-62.00; Good to Choice 50.00-55.00; Standard to Good 43.00-49.00; Utility 30.00-37.00; Low Utility 15.00-18.00-24.00.

HOGS: 20.00-22.50.

SOWS: 23.50-25.50.

FEEDER PIGS: 18.00-23.00; 180-200 lb. 33.00-35.50.

Sale Mgr. & Auctioneer Norman E. Hunter, Pres.

xxx

Danville, Pa.
December 27, 1976

STEERS: Good to Choice 34.00-36.85, Standard to Good 28.00-33.00

BULLS: 32.00-35.85

COWS: High Choice to Prime 26.00-27.85, Good to Standard 24.00-25.75, Utility 22.00-24.00, Cutters 20.00-21.85

CALVES: High to Choice 55.00-62.50, Good to Choice 40.00-55.00, Standard to Good 20.00-40.00

HOGS: 42.40-43.70

SOWS: 24.00-32.75

BOARS: 17.50-32.00

SHEEP: 12.50-24.50

xxx

Danville Auction
December 20, 1976

STEERS: Good to Choice 35.00 to 37.25; Standard to Good 31.00 to 34.50.

HEIFERS: Good to Choice 30.50 to 33.85.

BULLS: 28.50 to 33.50.

COWS: High Choice to Prime 25.60 to 27.00; Good to Standard 24.00 to 25.85; Utility 22.00 to 24.25; Canners 18.00.

CALVES: Good to Choice 48.00 to 56.00; Standard to Good 20.00 to 38.00.

HOGS: 41.00 to 42.70.

SOWS: 25.00 to 32.00.

BOARS: 17.00 to 24.50.

xxx

SECHRIST SALES COMPANY, Inc.
LIVESTOCK AUCTION
Stewartstown, Pa.
December 27, 1976

CATTLE 73 Steers - High Choice and Prime absent, Good Choice absent, Good 35.00-36.50, Standard Good 33.00-34.50, Holsteins Good absent, Standard to Good 28.00-30.25; Heifers - High Choice and Prime absent, Good to Choice absent, Good absent, Standard Good 27.00-28.25, Holsteins Good 26.00-26.50, Standard Good 24.00-25.00; Feeder Steers - Good and Choice absent, Standard Good 34.00-35.00, Utility 30.00-33.00; Bulls - Good and Choice Commercial absent, Standard to Good 34.00-35.00, Utility to Standard 28.00-32.00; Cows - High Yearling Commercial 26.00-27.50, Cutters 24.00-25.50, Canners Low Cutters 21.00-23.00, Shells 12.00-18.00

CALVES 120 Calves - Choice and Prime 70.00-76.00, Good and Choice 65.00-68.00, Standard and Good 55.00-62.00, Utility to Good 110-140 lbs. 45.00-53.00, Utility 90-110 lbs. 40.00-44.00, Culls 20.00-34.00

HOGS 164 Hogs - U.S. No. 1 and 2, 200-220 lbs. 42.75-43.50, U.S. No. 1 and 3, 190-230 lbs. 42.25-42.50, U. S. No. 1 and 3, 180-250 lbs. 42.00-42.25; Sows - 250-375 lbs. 35.00-37.00 400-500 lbs. 30.00-34.00; Boars 300-500 lbs. 22.00-24.00

BLACK & WHITE HOLSTEIN FARM

2220 DAIRY ROAD LANCASTER, PA

JUST ARRIVED - THURSDAY NITE

2 TRAILER LOAD COWS

MINNESOTA & WISCONSIN

A lot of good cows to milk 70 to 100 lbs. fresh or right ready

COW SALE - HELD 3RD FRI. MONTHLY

NEXT SALE JAN. 21

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PARK MYERS, Sales Manager 717-569-2106 or 717-569-6800

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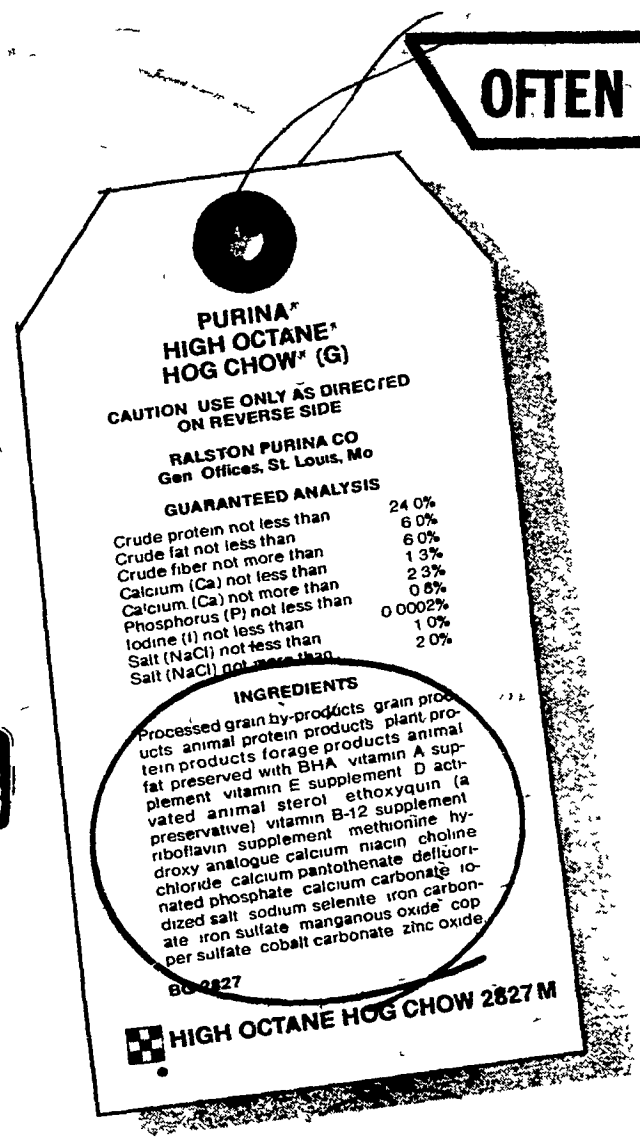
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GUARANTEED ANALYSIS
Crude protein not less than 24 0%
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Iodine (I) not less than 1 0%
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INGREDIENTS
Processed grain by-products grain products animal protein products plant protein products forage products animal fat preserved with BHA vitamin A supplement vitamin E supplement D activated animal sterol ethoxyquin (a preservative) vitamin B-12 supplement riboflavin supplement methionine hydroxy analogue calcium niacin choline chloride calcium pantothenate defluorinated phosphate calcium carbonate iodized salt sodium selenite iron carbonate iron sulfate manganous oxide copper sulfate cobalt carbonate zinc oxide
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Let your hogs show you the difference

when you feed

Purina® High Octane

Just about anybody can mix up a batch of ingredients of one kind or another and end up with the same guaranteed analysis you see on a feed tag for Purina High Octane. That's easy.

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The superiority of High Octane begins with the way energy is supplied. Purina has now completed over 7 years of research into energy requirements of hogs.

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Wouldn't you rather plan a feeding program based on Purina's best research information — rather than somebody's guess? A feed tag is only a listing of ingredients. It is performance that really counts. When hogs are fed a ration of Purina High Octane, there is a "good-doing" difference you can see.

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